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General Cairns' Legacy: A Hope For Improved Army Mobility—Soon

(On 9 December at the Army Aviation Center, Ft. Rucker, Ala., which he commanded, Maj. Gen. Bogardus S. Cairns, USA, was killed in a helicopter accident. On 4 December at Ft. Benning, Ga., where he was a participant in the World-Wide Infantry Conference, General Cairns had taken a moment from a whirlwind schedule to chat informally with two newsmen concerning a particular need of national defense in which he was greatly interested and for which he gave his life.

One of the newsmen was Hanson Baldwin, Military Editor of The New York Times; the other was Daniel Henkin, Assistant Editor of THE JOURNAL).

It had been a taxing day. The Infantry Center band awakened the Conference members at 0615, and a crowded program followed.

Throughout the closed door sessions, there had been the demanding focus on the need for bold and imaginative action to increase the mobility of the Army in order to assure success and victory on the atomic battlefield.

At the day's end, while others rested in preparation for the banquet that would follow, General Cairns remained a moment to talk with two visitors about Army Aviation, its problems and its future.

True, he said, there has been much progress, but so much remains still to be done. Quietly, which was his way, he expressed regret that so often it takes so long to attain top-level decisions.

Yes, he told Mr. Baldwin, there had been such important progress as the

direct action decision of General Henry I. Hodes, Army Commander in Europe, to arm his the Seventh Army's helicopters following the dramatic firepower demonstrations at the Army Aviation Center.

What about the arming of Army fixed wing aircraft? Would there be difficulties with the Air Force? And what about funds for future research, development, and procurement?

The general said he was confident the Air Force would be willing to amend the outdated agreement which bars armament from Army planes. After all, he suggested, the Army isn't in the same class with the Air Force when it comes to speed requirements and doesn't want to be. He was certain that a new agreement would be reached.

How about budget support, one of the newsmen asked. The general was not without high hopes. He felt that the entire Army now was convinced of the need for even greater emphasis on its organic aviation to improve battlefield mobility. And that, he suggested, was one important battle won.

As for the Defense Department, well of course for understandable reasons he could not talk about the new budget, but he had the strong feeling that the Army's mobility needs at long last were receiving strengthened fiscal consideration.

The time had now come for all to leave. One parting word from the general: there is so much to be accomplished, and we don't have all the time in the world.

Please, he said, come visit us at Rucker.

Navy Names First Polaris Sub Skippers; Capt. N. G. Ward Will Head Division

The Navy on 8 December confirmed a report published in the 23 August issue of THE JOURNAL that Commanders James E. Osborn, Harold E. Shear and William B. Sims will be skippers of the first three Polaris submarines.

Commander Osborn will command the George Washington (SSB(N)-598), to be commissioned late in 1959 at the Electric Boat Division Yard of the General Dynamics Corporation, Groton, Conn.

Commander Shear takes the helm of

the Patrick Henry (SSB(N)-599), following her commissioning at the Electric Boat Division Yard in mid 1960.

Commander Sims will lead the Theodore Roosevelt (SSB(N)-600, slated for commissioning at the Mare Island Naval Shipyard, Calif., late in 1960.

The three Polaris skippers were born in 1918.

The lead submarine in the Polaris-class, the George Washington, will cost

—Continued on page 30



FIVE ENGINE TILT WING. The X-18 tilt wing research transport, a 16½ ton test vehicle which may take off vertically, use a short-take off, or operate as a conventional airplane, was rolled out of the manufacturer's plant, Hiller Aircraft Corp., at Palo Alto, Calif., on 8 December. (Story on page 30).

HAPPY HOLIDAY AHEAD FOR HUNDREDS

THE Pentagon has put out promotion and appointment word that will mean happy holidays for hundreds of officers in the Armed Forces.

ARMY: Two lists of general officer selections, permanent and temporary, have been released. There's a story on Page 3, with a report on an important new development, and the names of the general officer "makes" appear on Page 6.

Also on Page 6 are 34 new promotions to temporary lieutenant colonel. There are 980 selections to permanent major on Page 7 and eleven promotions to temporary colonel on Page 32.

NAVY: An Augmentation Board has chosen 252 Reservists for Regular commissions, with the list published on Page 9. There's a report on Page 8 concerning the membership of Staff Corps selection boards to lieutenant and lieutenant commander.

AIR FORCE: In addition to hundreds of Regular promotions, reported in the orders section of this issue, the Air Force this week released the names of more than 4,000 first lieutenants chosen for temporary captain, among them 525 to be promoted before the end of the year, as listed beginning on Page 10. Air Force officials are hopeful that a list of about 1,300 selections to temporary major will be released before the holiday season, depending on Pentagon processing and final White House approval.



INTERNATIONAL CHART MEET—U. S., British and Canadian, Army, Navy and Air Force representatives meet to discuss international aeronautical navigation materials standardization with Brig. Gen. Clifford H. Rees (right), commander of the Air Photographic and Charting Services. Some 30 members of the three nations' armed forces met at Orlando AFB, Fla., the home of APCS, for a two-week session, 1-12 Dec. Left to right are Maj. W. S. Husntek, USAF; Wing Commander Edward J. Brandon, RAF; Capt. Robert C. Jones, USA; Wing Commander Patrick G. Goodby, RAF; Cdr. F. V. Kenney, USN; Lt. Col. Arthur Walmsley-White, British Army, and General Rees. The group are members of the Air Standardization Coordinating Committee, Working Party 65, striving to simplify air navigation aids used by English speaking nations.

"Cold War" Institute Trains Officers For All-Service MAAG Posts Overseas

The Nation's first "cold war" school for military officers is now in full operation at the Defense Department's Military Assistance Institute in Arlington, Va.

Designed to train officers from all Services for Military Assistance advisory positions throughout the world, the Institute provides both diplomatic, military and practical know-how for the overseas-bound officers and their families.

On the diplomatic side, the Institute trains officers of all ranks on U. S. foreign policy, and the relation of their assigned country to that policy. Special emphasis is placed upon the U. S. position in the "Cold War."



Brig. Gen. Newton

M-DAY MESSAGE

FT. BENNING, GA.

Modernization and mobility of the Army demand more money and more manpower.

That was a unanimous conclusion of scores of participants in the World-Wide Army Infantry Conference held at the Infantry Center here last week.

The Infantry leaders spelled out their needs in sharp detail, but no Army official could offer them any assurance that these needs quickly would be met by stronger budget support.

For details on the conference turn to Page 3.

documentary and maintenance of operational AEW&C planes is greater than that of all other aircraft and electronic manufacturers combined.

Defense Department Institute Trains "Cold War" Officers From All Services

From first page—
ing conditions, culture, customs and the current political picture.

The Institute, says its Director Brig. Gen. Henry C. Newton, USA-Ret., "is probably the only school in the Defense structure which trains an officer for a specific country and a specific job within that country to which he is actually assigned."

"We started the school," General Newton said, "realizing that the officers had to be trained in our national policy, the living conditions and the many other problems they would face in their as-

signed country.

"When these officers go to critical areas of the world, where there are climactic and health conditions they never experienced before, they have a problem just in living," he said.

The school does more than just train the officers, General Newton added. It trains the whole family.

Wives of officers assigned to quasi-diplomatic overseas posts can attend many of the lectures and forums with their husbands, and can use all the facilities of the school to gather needed background. They are especially wel-

comed at the Institute's courses on the cold war, on communism, and at all area study sessions.

Institute facilities are located in commercial space in the modern Arlington Towers residential complex, where many student officers take up residence for the four-week duration of their course. Just around the corner from MAI is the State Department's Foreign Service Institute.

By next June, when the Institute celebrates its first birthday it will have trained 1,200 officers and approximately 300 wives for assignments in up to 67

countries worldwide. At that time the highly specialized library will include over 2,000 volumes on all countries in which the U. S. has Military Advisory missions.

Authorized in June of this year, the institute sliced its projected organization time to less than half by beginning its first class on 2 September. As THE JOURNAL goes to press it is preparing for its fourth class, beginning 5 January. Its third class, graduated 6 December, consisted of 100 officers assigned to 22 different countries.

In the future, the Military Assistance Institute hopes to provide packaged instructional materials for enlisted men bound for quasi-diplomatic stations overseas. Like officers who were sent to these posts before the institute was started, these men received little or no orientation to the country in which they are assigned.

HEADS SIXTH SCHOOL

Brig. Gen. Henry C. Newton, USA-Ret., Director of the Military Assistance Institute in Arlington, Va., has trained a record of 150,000 military students in five Armed Forces schools during his career. This is his sixth effort in the broad field of school operation.

Prior to organizing the Institute he had served as: Commandant of the Armored Force Officers' School (later known as "Newton's College") at Ft. Knox, Ky.; Commandant of the Constabulary School in Germany; Commandant of the Kitzingen Training Center in Germany; Assistant Commandant of the Army Intelligence School, Ft. Holabird, Md.; and Assistant Commandant of the Armored School, Ft. Knox.



MEET AT CONFERENCE. Brig. Gen. Chester A. Dahlen, right, Assistant Commander of the Second Infantry Division, and Brig. Gen. Frederick R. Zierath, Assistant Commandant of the U. S. Army Command and General Staff College at Ft. Leavenworth, Kans., talk over old times while attending the Infantry Conference at Ft. Benning.

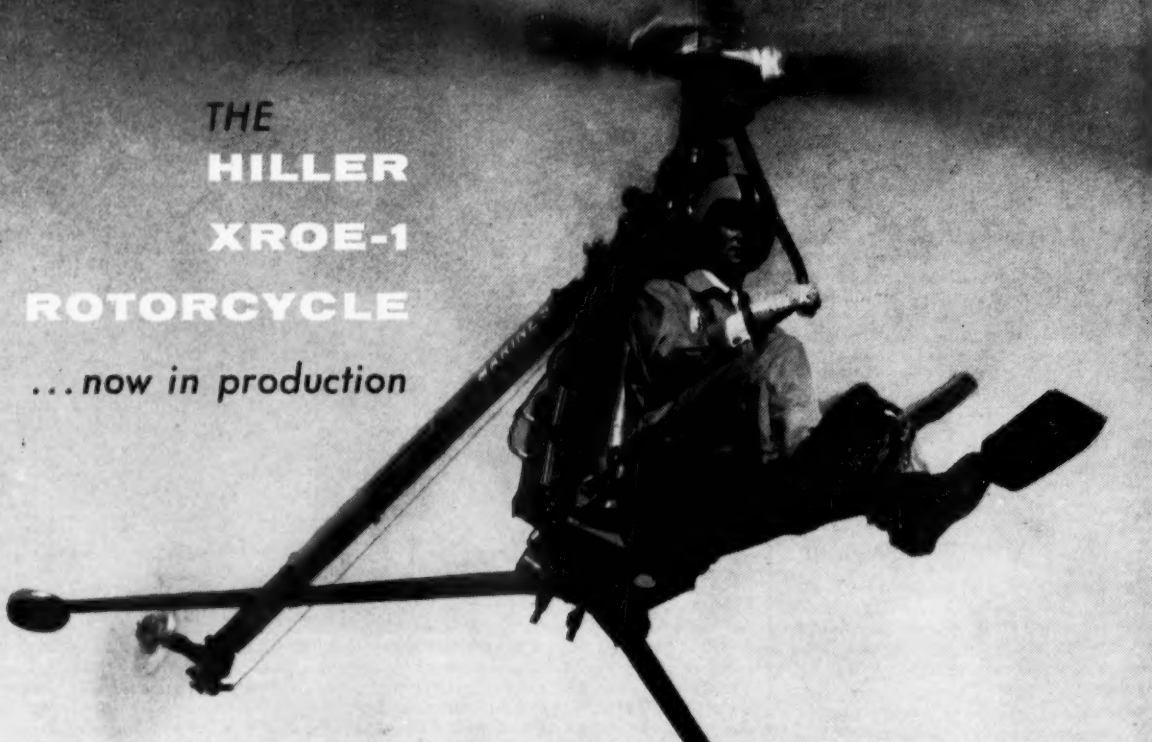
Lt. Legamaro Leads Class At Mather

Top man in a new class of 24 officers graduated from the Primary-Basic Navigator Upgrading course at Mather AFB, Calif., was 1st Lt. Salvatore J. Legamaro.

He and the following members of the class remained at Mather for further training in the advanced-navigator-reconnaissance-bombardment course: Captains Robert W. Fenger, Roy F. Garton, Alvin J. Lebsack, Richard A. Martz, Charles W. Mitchell, and Robert C. Peck, and First Lieutenant Frank Velazquez.

Assigned to other Air Force units were: Major Charles D. Orison; Captains Billy J. Atto, Dan Cardea, Edward W. Daugherty, Patrick F. Donnelly, Cleo J. Hall, Clifford O. Haskins, John B. Mulherson, Elijah G. Tollett, Jr., and Daniel E. Woodman, Jr.; First Lieutenants Virgil P. Kocher, Robert H. Mathews, George R. Rodes, Jimmie H. Sharpe, Euel G. Stokes, Jr., and Nicholas L. Stone.

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XROE-1
ROTORCYCLE
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Marines to Receive World's First Completely Foldable Helicopter for Evaluation

The Hiller Rotorcycle has been projected as the least complex method of obtaining the air mobility now sought as a prime advantage in military operations. Its size, simplicity, and "fly-anywhere-land-anywhere" capability make the aircraft an invaluable item in countless military problems.

In 1959... watch for the HILLER ROTORCYCLE!

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The "Queen's" Role Is Held Secure, But The Infantry's Needs Are Many

FT. BENNING, GA.

SOME 200 participants in the World-Wide Infantry Center Conference this week were back at their posts, with one eye on the Conference action and the other on the fiscal '60 military budget.

The first global Infantry Conference since 1946 was marked by a reaffirmation of the ground soldier's role in limited or general warfare and by a declaration of his needs to meet urgent defense requirements. The new budget will determine in large part how rapidly those needs, described herewith, are met.

From the moment that Maj. Gen. Paul L. Freeman, Jr., Infantry Center Commander, opened the Conference on 2 December until its adjournment with the adoption of a provocative set of recommendations, the Conference focused on the Infantryman's mission and what is needed to achieve it.

As was reported in last week's issue of THE JOURNAL, which published the full text of his prepared address, General Maxwell D. Taylor stated that the Infantry "shares with no other arm the ultimate mission of sustained close combat with the enemy."

Although the Conference sessions were closed to the press and the full text of the conclusions was not released, Infantry

decisive factor on the battlefield and cannot be replaced by machines.

In the field of battlefield mobility, the Conference was unanimous in recognizing the need for and recommended the provision of a vehicle with zero ground pressure—the flying jeep principle—to overcome terrain obstacles to the rapid movement of men and supplies on the battlefield. It was noted that such a vehicle would largely free the Infantrymen from the limitations imposed by terrain but would simultaneously provide the capability of using the contours of the terrain for protection. The vehicle would make him independent of terrain obstacles.

The Conference emphasized the necessity for providing immediately a means to concentrate and disperse forces rapidly and recommended that armored personnel carriers be made organic to battle groups and that armored weapons platform and weapons carriers be provided. In view of the known strength in armor of the Soviets the Conference recommended a family of anti-tank weapons which would improve present capabilities.

Taking cognizance of the necessity for wide dispersion of forces and fast moving situations on the atomic battlefield and with the resulting problems of effective control, the Conference recommended increased emphasis on radio for communications and a lessening of the use of wire (the traditional means). It recommended radios of markedly increased range to permit control of the entire battle group operation be developed. In a further effort to improve control on the battlefield, conferees took note of the confusion that likely would exist on the

—Continued on page 19

Next Week—

The 3306th Pilot Training Group (Contract Primary), commanded by Col. Ben H. Settles, USAF, at Bainbridge AB, Ga., is conducting an evaluation of primary training on the Cessna T-37 twin-jet trainer. An on-the-spot progress report from a Journal staff member will appear in next week's issue.



ALL-SERVICE STAFF of the Military Assistance Institute includes, left to right: Lt. Col. John R. Vitek, Jr., USA-Ret., Operations Officer; Col. Lee H. Heintz, USAF-Ret., Director of Administration; Dr. E. Burke Inlow, Instructor; Brig. Gen. Henry C. Newton, USA-Ret., Director; Col. Russell O. Utke, USA-Ret., Instructor; Col. Walter F. Choinski, USA-Ret., Coordinator of Research; Col. John H. Stodter, USA-Ret., Instructor; Brig. Gen. Charles H. Royce, USA-Ret., Director of Instruction; Cdr. James R. Foresman, USNR, Instructor; Col. F. E. Gillette, USA-Ret., Instructor; and Maj. Gen. George W. Smythe, USA-Ret., Instructor. Not shown in the photo is Institute Administrative Officer, Capt. Robert C. Peden, USN-Ret.

Permanent Promotions Get New Accent As Army Releases Two Lists Of "Makes"

(Selections, Page 6)

FOR the first time in years, the Army will make permanent advancements to brigadier general that will mean a change in rank for officers. The first and last names on a newly released list of 40 permanent colonels chosen for Regular one-star rank are those of colonels.

Nineteen of the 40 are temporary brigadiers; nine are temporary major generals. Coincidentally with the selections to permanent brigadier general, the Army has promoted four brigadier generals to temporary major general, four colonels to temporary brigadier general, and has designated two other colonels for later advancement to temporary one-star rank.

One of the most noteworthy developments on the Army general officer promotion front in recent years was the selection of the two permanent colonels, Clarence Renshaw, USMA '29, and Raymond R. Ramsey, year group '30, for promotion to permanent brigadier general.

Except for some appointments to fill statutory assignments, all promotions to permanent brigadier general in recent years have gone to Regular colonels who held AUS rank as general officers.

The new list of 30 selections includes one officer from year group '29, nine from '30; 15 from '31; and five from '32.

No promotions from this list are expected to be made until after the first of the year, with the last man likely to be promoted during the fall of 1959.

DoD Staff Reductions Seen In New Move To Streamline Pentagon Statistical Reports

ADDED authority for Department of Defense Comptroller W. J. McNeil, coupled with reductions in the staffs of other Assistant Secretaries of Defense, will result from new Pentagon statistical procedures to be put into effect late in January.

The move will see most of the statistical personnel now assigned to Assistant Secretaries of Defense transferred to the Comptroller's recently-organized Statistical Services Center, under the direction of Mr. Foster Adams.

It will also channel most of the regular statistical reporting from the Services to the Defense Department through the new Statistical Center.

Under the 1953 Defense Department Reorganization, each of the Assistant Secretaries of Defense was given authority to request information from the Military Departments. These reports were formulated and coordinated by the Comptroller.

Mr. J. Robert Loftis, Administrative Assistant to Secretary of Defense McElroy, explained to THE JOURNAL that each of the Assistant Secretaries needed the same basic data across the board, such as personnel, manpower and pay statistics. Each had previously requested this data separately from the Services.

Under the revised set-up, Mr. Loftis said, the Statistical Services Center is the sole Defense agency with authority to request reports from the Departments. This, he said, will eliminate overlapping and duplication, and significantly ease the reporting burden on the Services.

Perhaps even more important, he said, will be an improvement in the quality of information supplied to Defense Department planners.

Implementation of new statistical reporting procedures will not take place, Mr. Loftis said, until after a current review of reporting requirements is completed around 1 January.

The Statistical Center will collect information on all areas of the defense effort, Mr. Loftis said, "from weapons and weapons systems, manpower, materiel, down to aspirin tablets."

The Center also will compile continuing information on how military personnel are faring under the existing system of pay and allowances, and how the system compares with that in private industry.

Excluded from the authority of the new Statistical Center are reports required by the Joint Chiefs of Staff and those on the military assistance programs required by the Assistant Secretary of Defense for International Security Affairs.

Informal, day-to-day requests for simple management data by Defense Department officials will not be restricted by the new procedures, Mr. Loftis said.

Army Missouri Aide C. S. Stevenson Gets Help; D. R. Calhoun Chosen

SECRETARY Wilber M. Brucker has appointed David R. Calhoun, Jr., of St. Louis, to be Army Civilian Aide for Eastern Missouri. President and Director of the St. Louis Union Trust Company, Mr. Calhoun will share civilian aide responsibilities for his State with Charles S. Stevenson, Vice President and Director of Hallmark Card Inc. of Kansas City.

Mr. Stevenson will be Civilian Aide for the western part of Missouri.

CHORUS AIDES

FT. BENNING, GA.

Few soldier choruses in Army history have enjoyed more top-rank support than was provided here during the Infantry Conference Banquet to the Infantry Center Chorus.

Singing a special arrangement of WWI songs they had prepared in honor of Secretary Wilber M. Brucker, a doughboy who unfortunately was forced to cancel his appearance, the Chorus was aided from the rostrum by a star-studded quartet of retired generals.

Its members: General James A. Van Fleet, General Charles L. Bolte, General John E. Dahlquist, and Lt. Gen. Robert N. Young.

General Bolte was the most forceful singer. His colleagues seemed to some observers to be a bit gun-shy.

Lt. Gen. Reuben Jenkins, USA-Ret., another honored guest, drummed his fingers throughout the singing, but otherwise left the matter in the hands of the enlisted Soldier Chorus and their new-found aides.

try Center officials were authorized to release the following statement:

Conferees reaffirmed the requirement for Infantry to possess the capability to fight both atomic and non-atomic wars and to be prepared for any eventuality. They adopted recommendations concerning long-range organizational concepts and took note of the necessity for improved physical standards for the Infantry soldier to perform his traditional role of sustained close combat with the enemy. They reiterated that the man with the weapon in his hand is the single

★ ★ ★
WELCOMED TO CONFERENCE — Lt. Gen. James E. Moore, left, the Army's deputy chief of staff for operations, and Lt. Gen. Arthur G. Trudeau, center, chief of research and development, are welcomed to the U. S. Infantry Conference at Fort Benning by Col. James H. Hayes, conference director.



★ ★ ★



MATS AT ANTARCTICA
—Maj. Gen. Frederic E. Glantzberg, (center) Vice Commander of MATS, is greeted at McMurdo Sound, Antarctica, by RAdm. George J. Dufek, USN, right, Commander, U. S. Naval Support Force of Operation Deep Freeze. With them is Lt. Col. C. J. Ellen, commander of MATS' 52d Troop Carrier Squadron which delivered more than 975 tons of cargo via Douglas C-124 Globemasters to Antarctic polar outposts during October and November.

Capt. McElroy Gets Super-Carrier Helm

Capt. Rhodam Y. McElroy, jr., will take command of the Navy's fourth Forrestal-class carrier, USS Independence, 10 January when she is commissioned at the New York Naval Shipyard.

Captain McElroy has been in Brooklyn for several months on the pre-commissioning detail. He reported from the Office of Legislative Liaison. A Naval aviator, he holds the Navy Cross.

Cdr. Damon W. Cooper has been named Executive Officer.

Independence will join her sister ships, Forrestal, Saratoga and Ranger.

Two other Forrestal-class carriers have been authorized — the USS Kitty Hawk and the USS Constellation. The Kitty Hawk, under construction at the New York Shipbuilding Corporation's Camden, N. J., Yard, is slated for launching 2 May 1959 and commissioning in June 1960. The Constellation, building at the Brooklyn Naval Yard is scheduled to be launched in July 1960 and commissioned in February 1961.

The Navy's atomic-powered Carrier, the USS Enterprise is being built at the Newport News, Va., Shipbuilding and Drydock Company at an estimated cost of \$314 million. The 85,000 ton Independence will be about 25,000 tons heavier than the Forrestal class vessels.

Former Marine EM Tops Basic Class

Second Lt. Donald R. Huffman, a former enlisted Marine, was honor man of the 2-58 Basic Class recently graduated at the Marine Corps School, Quantico, Va.

In leading the 154-member class, Lieutenant Huffman compiled a scholastic average of 97.72. For his achievement he was awarded the Marine Corps Association's sword by Lt. Gen. Merrill B. Twining, Schools' Commandant.

Former Schools' Commandant, General Gerald C. Thomas, USMC, Ret., was principal speaker. He is serving as Director of the Staff, Net Evaluation Sub-Committee, National Security Council.

Col. Peyton To Ord

Col. Hamilton M. Peyton, Fifth Army Staff Judge Advocate, Chicago, will assume duties at The Infantry Training Center, Ft. Ord, Calif., nearby his home town of Carmel.

Colonel Peyton and his wife, Betsy, have three children, Jean, John and Thomas.

Munich To Pentagon

Col. Robert A. Turner, Deputy Commander of the Southern Area Command at Munich, Germany, has been assigned with the Department of the Army, Washington, D. C.

Colonel Turner, USMA '33, is a veteran Artilleryman.

Engineer Provost Retires

Col. Joseph L. Driskell has retired after 28 years Army service. Maj. Gen. E. C. Itschner Chief of Engineers, awarded him the Commendation Ribbon with Metal Pendant for outstanding service as Engineer Provost Marshal during the past four years.

Col. Stearns Leaves Chicago For Korea; Army Reports Other Shifts For Colonels

Col. Joseph E. Stearns, Fifth Army G-2, has departed Chicago for Korea. Mrs. Stearns and daughter, Mary Elizabeth, who is in the senior class at Highland Park High School, will continue residence in the family home at Deerfield until completion of the school year; then plan to visit relatives in Texas.

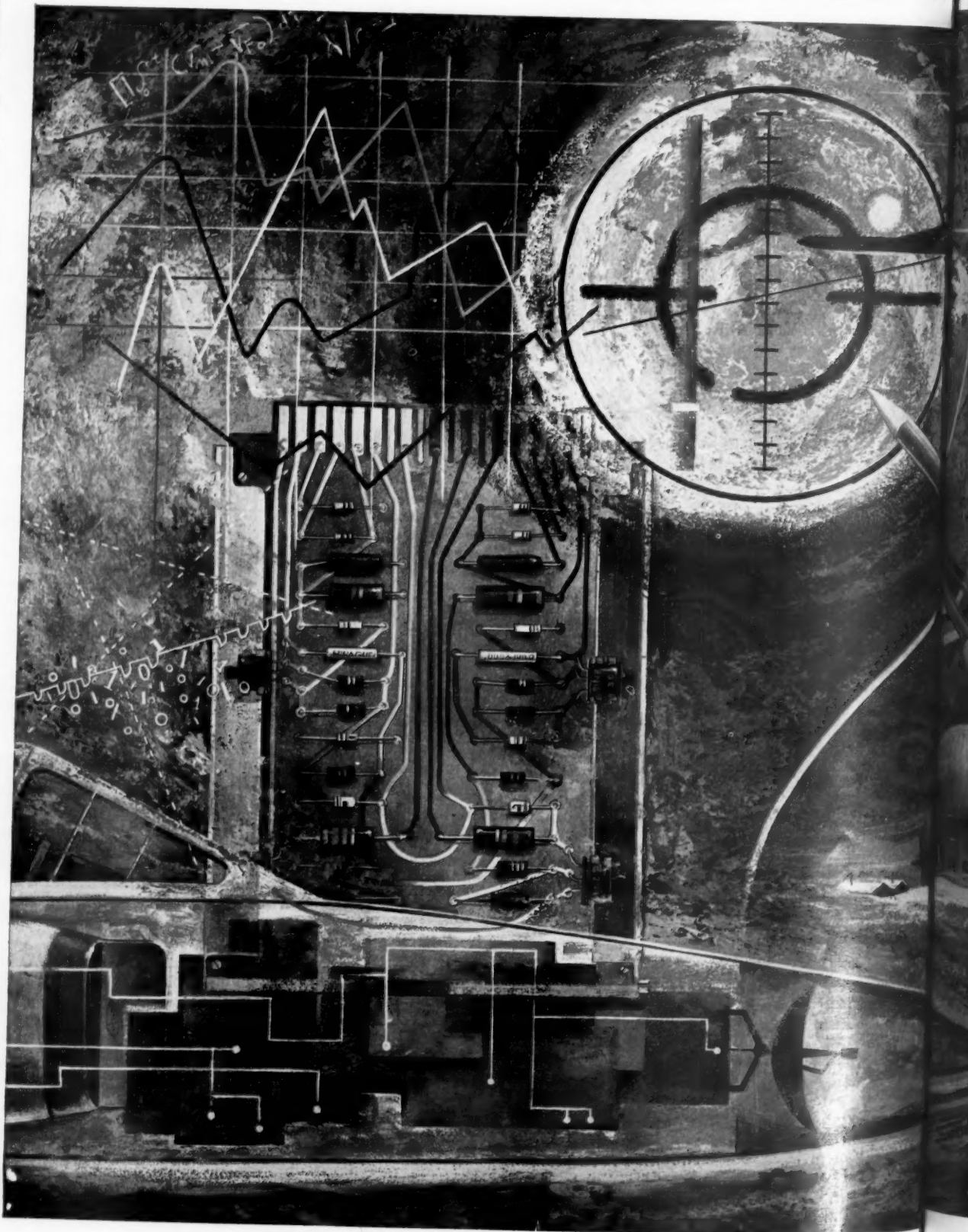
Col. James H. Skinner, former Deputy Army Representative and CofS of the U. S. Delegation to the Military Staff Committee at the United Nations, New York, has become Executive Officer of the 56th Artillery Brigade, Ft. Banks, Mass. He replaces Col. Harry T. Smith,

reassigned earlier as Commander of the 11th Artillery Group, Rehoboth, Mass.

Col. Michael Paulick, Commander of the 10th Special Forces Group (Abn) at Bad Toelz, Germany, has been named Commander of the Seventh Army Non-Commissioned Officers Academy at that post.

Col. William A. Sundlof has taken over as Executive Officer of the Army Engineer School, Ft. Belvoir, Va., succeeding Col. Louis W. Correll, reassigned to Europe. He resides with his wife and three children in Quarters #8 on post.

What makes the



Col. Van Dyke Heads B-52 Wing At Eglin

The first B-52 wing in Florida was activated at Eglin AFB on 1 December by the Strategic Air Command as part of the SAC dispersal plan.

The newly organized unit is the 4135th Strategic Wing (SAC) commanded by Col. Edward A. Van Dyke who reported on 30 Nov. to take command of the unit which eventually will be equipped with the latest model Boeing B-52 Superfortresses.

Colonel Van Dyke came to Eglin from Hunter AFB, Ga. where he was Director of Operations for the 38th Air Division (SAC). He is married to the former Marjorie Holmes, a native of California. They have four children.

Ordnance Industry Steps Up Technical Aid To Services; President Says New Problems Need Improved Understanding

NEW YORK CITY, N. Y.

AN intensified program of industry cooperation in support of the Armed Forces has been launched by the newly created Executive Technical Board of the American Ordnance Association. This was revealed at the Association's annual meeting here on 4 December.

Presiding over a session of the Executive Technical Board was Louis Polk, President of Sheffield Corporation, Dayton, and a Vice President of Bendix Aviation Corporation, New York.

Mr. Polk takes office 1 January as head of the AOA, 40-year-old patriotic, non-profit, non-political organization of more than 41,000 members dedicated to strengthening national defense. He told Technical Board members that "today's rapid scientific advancement, coupled with related manufacturing problems, require im-

proved understanding and some changes in our AOA Technical Operations."

To keep America "strong for peace," the Association, in addition to its other nationwide activities, provides National Technical Divisions constantly and immediately available to agencies of the Defense Establishment which may request their advice on matters related to development and production engineering of ordnance and other armament for use in time of emergency.

"These Divisions and their Sections," said Mr. Polk, "are composed of selected members of the Association whose broad experience and talents in science and private industry are made available to the Armed Forces on a voluntary advisory basis and without cost to the Government."

"With the periodic shifting of officers within the Armed Services from land to sea duty and from headquarters to field assignments," said Mr. Polk, "the Association's Committees serve a very important function in preserving the continuity of effective relationship between industry and the personnel of the Services engaged in industrial-preparedness activities. At all times they seek improvement in the efficiency and economy of government-industry relationships."

"To provide for adequate planning and coordination of these intensified technical activities an Executive Technical Board has been established. The Board Chairman is the Vice-President in charge of Technical Divisions of the Association. The members of the Board are the General Chairman for Technical Divisions, the Staff Director for Technical Operations, and the Chairman of each of the thirteen Technical Divisions."

The following Technical Divisions support government agencies in the development, production, and logistics of armament and ordnance end items and weapons systems. They are known as Commodity Divisions.

They are: Artillery Division, Bomb and Artillery Ammunition, Combat and Tactical Vehicle, Electronics, Fire Control Instrument, Missiles and Astronautics, Small Arms and Small Arms Ammunition, and Underwater Ordnance.

The following Divisions concerned with materials, processes, and techniques are classed as Technical Support Divisions: Standards and Metrology, Preservation, Packing and Packaging, Materials, Production Techniques, and Research.

The general chairman of the Association's Technical Divisions is Henry Marsh of Wilmington, Del., an official of Hercules Powder Company and formerly Deputy to the Assistant Secretary of the Army. He will become the Vice President in charge of Technical Divisions 1 January.

The Association Headquarters are at the Mills Building, Washington, D. C.

Maj. Gen. Edward P. Mechling, USAF-Ret., formerly Commander of the Air Force Armament Center at Eglin AFB, Fla., is the Staff Director of Technical Division Operations.

The following outstanding people from science and industry furnish the leadership for the Technical Divisions.

Everett L. Baugh, A.O.A. General Chairman for Technical Divisions beginning 1 January 1959, Chief Engineer, Cadillac Motor Car Division, GMC, Cleveland, O.

Maj. Gen. Edward P. Mechling, USAF (Ret.), Staff Director for Technical Operations, A.O.A. Headquarters, Washington, D. C.

Dr. Wilmer L. Barrow, Chairman, A.O.A. Fire Control Instrument Division, Vice President for Research and Development, Sperry Gyroscope Company, Division of Sperry Rand Corporation, Great Neck, N. Y.

C. L. Eksberg, Chairman, A.O.A. Missiles and Astronautics Division, Vice President—Engineering, The Budd Company, Detroit, Mich.

J. N. Grutch, Chairman, A.O.A. Production Techniques Division, Vice President, American Car and Foundry Division, A C F Industries, Inc., New York, N. Y.

Dr. George L. Haller, Chairman, A.O.A. Electronics Division, Vice President, General

—Continued on page 30

s the weapons system concept" click?

Not so very long ago a plane was built to perform a single task—fly higher, faster or farther. If armament was necessary, guns or rockets were added. If a navigation or communications system was needed, these also were added.

No longer will that old approach work. The problems are too complex. The consequences are too severe. The timing is too critical. The electronics in the modern aircraft perform as vital a function as the carrier itself. In fact for many missions the plane is primarily a vehicle to transport the electronic systems.

To achieve the integration of these many elements into a single working unit is the "weapons system concept."

It takes competent TEAM MANAGEMENT to make this "weapons system concept" click!

Hughes has the experience and capability to manage a team of systems specialists. The Hughes MA-1 Integrated Electronic and Control System, combined with the Falcon air-to-

air guided missiles in the Convair F-106 all-weather interceptor, represents the first successful approach of this concept.

This Hughes system provides automatic mission control of all vital functions from take-off to touch-down. It provides automatic navigation, automatic flight control, automatic data link, automatic attack and weapon control and automatic landing system by Digitair, the first airborne application of a digital computer.

It took competent TEAM MANAGEMENT to make this "weapons system" click!

Over 6000 highly trained scientists and engineers provide the "think" at Hughes. They form the motivation behind the 30,000 Hughes people dedicating their efforts to the electronics "systems concept."

The experience of these people in the research, development, manufacturing and field service of advanced electronics systems makes Hughes ideally suited as an electronics weapons system team manager.

Creating a new world with ELECTRONICS

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Army Promotes 34 To Lt. Colonel

(11 New Colonels, P. 32)

The Army, in Special Orders 244, dated 10 December, has announced the temporary advancement of 34 majors.

Cutoff date of rank was 19 June 1951. The junior officer had 197 months, 21 days of service as of 30 June, 1957.

Beveridge, T M, Arty Miller, R L, Arty
Bonham, D D, Inf Myers, G, AGC
Cardozo, H L, Inf Nemeth, S A, Arty
Carroll, D B, Inf Picciotti, R A, SigC
Corwin, R W, OrdC Praeger, H A, Jr, Inf
Deans, K V, Arty Rios, E T, Inf
Gates, J, Arty Rist, A S, Arty
Haphey, R D, Inf Rogers, J J, CmlC
Hermes, D F, Arm Rogers, R E, SigC
Hotelling, R P, MPC Rosoff, M, Inf
Jessup, M E, Arty Roush, C T, sr, Inf
Johnson, B E, Jr, TC Sanders, J L, OrdC
Keeler, D L, Inf Simpson, R M, Inf
Malone, D J, TC Taylor, L E, Inf
McCollam, W, Jr, CE Thomas, D R, OrdC
McHenry, M C, Inf Wilson, K J, CmlC
McKelly, J S, MPC Wurth, C, SigC



GENERAL J. LAWTON COLLINS, USA-Ret., left, former Army Chief of Staff, arrives at Lawton Army Airfield to attend the Infantry Conference at Ft. Benning. Greeting him is Maj. Gen. Paul L. Freeman, jr., Infantry School commandant.

SGT. MORALES REMEMBERS KOREAN ORPHANS

Christmas at the Sun Ae Orphanage in Inchon, Korea, will be brighter this year because M/Sgt. Nector Morales of Ft. Dix, N. J., can't forget the children of Sun Ae. This week 800 pounds of clothing and toys left Dix, bound for Korea and the 65 children. It will be the second shipment to reach them since Sergeant Morales left Inchon in July.

At that time Sergeant Morales promised the children he would not forget them. He had supervised the building of a new Sun Ae chapel and he improved living quarters at the orphanage.

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today's most urgent problems.



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• pulse generators • antennas

Army Chooses 30 For Permanent B.G.; Top-Bottom Selections Are Colonels

The following are the names, in order of seniority, of 30 Regular colonels who have been selected for 1959 permanent promotions to brigadier general. The top man on the list, Clarence Renshaw, is serving as a colonel, as is the junior man, Raymond R. Ramsey.

All of the others, as is indicated, are serving in the temporary rank of brigadier general or major general.

The list shows the officer's year group, name, month and year of birth, and present assignment.

1929	
Col Clarence Renshaw	Jan 07 Div Engr, USA Engr Div, North Atlantic, NY
1930	
Brig Gen Philip F. Kromer, jr	Oct 05 Engr, US Army, Pacific, APO 958, SF
Brig Gen Charles G. Dodge	Mar 07 Dep Ch of Legis Liaison, OCLL, DA
Brig Gen Tom R. Stoughton	Aug 08 Dir of Programs, ODCSPER, DA
Brig Gen John C. Hayden	May 06 CofS, Fourth US Army, Ft Sam Houston, Tex
Maj Gen John S. Guthrie	Jun 08 Dir, European Region, OASD (ISA), Wash DC
Maj Gen Charles E. Beauchamp	Jan 08 Dir, Army Council of Review Bds, OSA, Wash DC
Brig Gen Daniel A. O'Connor	Jul 05 CG, 31st Arty Brig (Air Def), McChord AFB, Wash
Brig Gen Hiram D. Ives	Nov 05 Sr Adv, KATC, APO 102, SF
1931	
Brig Gen Charles H. Bonesteel, 3d	Sep 09 Secretary, Gen Staff, DA
Brig Gen Stephen R. Hammer	Jul 10 Asst Ch of Engrs for Personnel, OCE, DA
Brig Gen William F. Cassidy	Aug 08 Sr Adv, Second ROKA, APO 102, SF
Maj Gen Marshall S. Carter	Sep 09 CofS, N.Amer. Air Def Comd, Ent AFB, Colo Spgs
Brig Gen Tom V. Stayton	Mar 08 Asst Dep CofS, Plans & Opns, NORAD, Colo Spgs
Brig Gen John A. Barclay	Aug 09 CG, USA Ballistic Msl Agcy, Redstone Arsl, Ala
Maj Gen August Schomburg	Jul 08 Dep Ch of Ordnance, DA, Wash
Brig Gen Charles B. Duff	Sep 08 Office Comptroller of the Army, DA
Brig Gen Earle F. Cook	Nov 07 Ch, Res & Dev Div, OCSigO, DA
Brig Gen Albert F. Cassevant	Jun 08 Comdt, USA Sig Sch, Ft Monmouth, NJ
Maj Gen Louis V. Hightower	Aug 09 Sr Army Mbr, Wpns Systems Eval Gp, OASD
Maj Gen Hugh P. Harris	Jun 09 Dep CofS, Ops, Plans & Tng, USCONARC, Ft Monroe, Va
Maj Gen Victor J. MacLaughlin	Apr 10 Actg Asst QMG for Opns, OQMG, DA
Brig Gen Van H. Bond	Apr 08 Dir, Manpower Mgmt, ODCSPER, DA
Brig Gen John C. Monahan	Nov 06 Dep Ch, USA Security Agcy, Arlington Hall Sta Va
1932	
Maj Gen Rush B. Lincoln, jr	Dec 10 Dep Ch of Transportation, DA
Brig Gen Kenneth F. Zitzman	Jun 09 Dep Comdt, Indust Coll of Armed Fes, Ft McNair, DC
Maj Gen Floyd A. Hansen	Oct 08 Asst Ch of Ord, Field Svc Div, OCO, DA
Brig Gen Horace F. Bigelow	Jan 08 Sp Asst to Ch of Ord, DA
Brig Gen I. Sewell Morris	Apr 09 Ex Dir, Mil Traffic Mgt Agcy, Wash DC
1930	
Col Raymond R. Ramsey	Aug 05 Deputy Prov Marshal Gen, DA

Col. B. F. Taylor, 46, USMA '37, Is Army's Newest General; Other "Makes"

HE Army's newest general officer is Brig. Gen. Benjamin F. Taylor, USMA '37, a 46-year-old Infantry officer, who is slated for assignment as an assistant division commander in Europe. He was one of six colonels designated by President Eisenhower for recess promotions to temporary brigadier general.

The last two colonels chosen, Berton E. Spivy, jr., USMA '34, a 46-year-old artilleryman, and Graydon C. Essman, USMA '33, a 49-year-old member of the Chemical Corps, are expected to receive their promotions before the end of the year.

Colonel Spivy is 7th Infantry Division Artillery Commander in Europe and

Essman is head of the Chemical Corps Research and Development Command. Four brigadier generals have been advanced to temporary major general, along with the four colonels advanced to temporary brigadier general.

Prior to the promotions, made on 5 December, the Army had 194 major generals, now has 198; there were 240 brigadier generals, of whom four became two-star officers. With the four new promotions, the present total is 240.

Here are the new "makes," with present or proposed assignments:

MAJOR GENERAL

William C. Bullock, '29, 50, Arty, CG, Army Training Center, Ft. Chaffee, Ark.
Ralph T. Nelson, '28, 56, Sig, Deputy Chief Signal Officer.

Ralph R. Mace, '29, 54, Arty, CG, Northern Area Command, USAREUR.

Bruce Easley, '29, 52, AGC, Deputy The Adjutant General.

BRIGADIER GENERAL

William A. Cunningham, '34, 47, Inf, Eighth Army Headquarters.

Clinton S. Lyter, '30*, 52, MC, CG William Beaumont Army Hospital, Tex.

Horace L. Sanders, '34, 50, Arty, CG of Troops, Ft. Sill, Okla.

Benjamin F. Taylor, '37, 46, Inf, Assistant Division Commander, USAREUR.

Berton E. Spivy, jr., '34, 46, Arty, Artillery Commander, 7th Infantry Division, Korea.

Graydon C. Essman, '33, 49, Cml, CG, Chemical Corps Research and Development Command.

* Equivalent year group.

Col. McDonald First Army Quartermaster; Other "Eagles" Shift To New Posts

Col. William J. McDonald has been named First Army Quartermaster at Governors Island, N. Y., to replace Col. Jewell H. Cook, USA-Ret. Colonel McDonald comes to First Army from Japan where he was Chief of the Logistics Division, Army Section of the Military Assistance Advisory Group. He is a member of the New Hampshire Bar Association and the American Bar Association.

Colonel McDonald is married to the former Margaret Leigh Harvey of Bangor, Me. They have two children: Martha Leigh, 18, and George Harvey, 16.

Col. DeWitt N. Hall, former Commander of the Army Support Element in the Philippines, has become Senior Advisor of the 102d (Ozark) Infantry

Division, a Reserve unit under the XI U. S. Army Corps (Reserve), St. Louis. He will reside with his wife, Mary Jane, and daughter at 1629 Beaucalre Drive, Warson Woods, Mo.

Col. Walter E. Bare, jr., on orders to Korea, has received the Certificate of Achievement for service as Chief of Plans and Operations Division of the First Army G-4 Section, Governors Island, N. Y. Mrs. Bare will reside in Muskogee, Okla., during the colonel's overseas tour.

Colonels Raymond J. Harvey, Thomas C. Foote and Sidney J. Bingham, jr., are attending the Management Problems for Executives course at the University of Pittsburgh.

Permanent Promotions To Major Released By Army; 965 Line, 12 ChC, Three WAC

The Army, on 5 December, released the names of about 980 officers of the Army, Chaplain and Women's Army Corps promotion lists recommended for permanent promotion to the grade of major, Regular Army.

The numbers prefacing the officers names indicate their order of seniority in the Regular Army and, upon appointment in the higher grade, they will rank in permanent grade in that order.

The officers were picked by an Army Selection Board which adjourned on 9 June 1958.

Capt. to Maj, Army Promotion List

645 Adams, C E, Jr	825 Boller, Wm F, Jr
468 Adams, Claude M	790 Boleyn, John C
408 Adams, Joseph T	335 Bond, James J
864 Adkins, W R, Jr	412 Botchin, Philip
681 Adkisson, George	207 Bowers, Verne L
O'N, Jr	113 Bowman, Jos C
643 Adler, Chas S	798 Boyd, Harvey S
210 Ahrenholz, A F	158 Boyer, Ray Y
117 Akers, Walter W	254 Brady, Robt W
308 Albanese, A J	138 Brady, Walter
569 Alexander, R H	105 Branham, M G
819 Alfante, James M	76 Brann, D H
78 Allen, Fred E	334 Brant, Wm A
337 Allen, N F J	606 Braucher, E P
638 Allen, Walter G	530 Braun, Wm F
947 Almond, Hugh H	531 Brickell, Grant R
505 Amis, Gilbert H	550 Brigham, E R
792 Amos, H O, Jr	797 Briscoe, John J
542 Anderson, Ellis F	517 Broome, Earl B
597 Anderson, Fred G	713 Broughton, L B
262 Applegate, Wm G	406 Brown, Guy W
388 Archer, Robt E	811 Brown, John F
767 Argo, R W, Jr	137 Brown, John G C
668 Armstrong, D U	411 Brown, Lee R
945 Armstrong, R B	426 Brown, Lloyd W
688 Arnold, A V, Jr	31 Brown, Royal B
333 Astor, Raymond J	84 Browne, H M
676 Ayers, Leslie S	623 Brownell, J R, Jr
372 Baber, Roy L, Jr	362 Brubeck, David L



AIRBORNE GENERAL. Brig. Gen. David P. Gibbs, right, commanding general at Ft. Gordon, Ga., receives his airborne badge from Col. William E. Ekman, director of the Airborne-Air Infantry School at Ft. Benning. Gen. Gibbs recently completed the school's three-week airborne course.

532 Baer, Malcolm, Jr	86 Buchanan, Jas, Jr
577 Bahr, Herman J	478 Budd, Beekman
402 Bahrach, Garry A	62 Bundy, Jas A
810 Bailey, K H, Jr	814 Burgess, Robt C
948 Baker, Claude W	501 Burke, John H
463 Bakewell, A L	809 Burke, John T
621 Barber, R A, Jr	571 Burke, Michael J
307 Barco, Barney M	458 Burke, Thos D, Jr
50 Barda, James J	442 Burley, Roy W
343 Barker, John P	687 Burnell, Bates C
549 Barnard, John M	608 Bush, Geo M
627 Barnes, Wm L	898 Byrd, Leon C
270 Barrett, R D	605 Caffey, Lochlin W
390 Bartlett, Harry M	871 Cain, Walter J
274 Bartow, P F	656 Callahan, P O'K
237 Baugh, Jack R	328 Campbell, E R
123 Bauknight, Geo W	369 Campbell, H S, Jr
44 Beam, W McD	323 Campbell, Jas W
121 Beaman, M F	492 Cannon, C C, Jr
885 Bell, Earl W	358 Cardinell, Robt H
799 Belmont, Alex J	932 Carley, John T, Jr
174 Benge, Chas J	715 Carnes, R C
771 Bennet, Jno B, Jr	863 Carrington, Geo B
602 Bennett, David N	630 Carter, Chas F, Jr
697 Bennett, John C	613 Carter, C McR, Jr
933 Benson, Geo C	567 Carter, Douglas H
675 Berg, Jos P, Jr	314 Carter, Jack A, Jr
96 Berger, Roy H	843 Casey, Geo W
563 Berkshire, H G	374 Cash, Carl V
494 Berlin, Walter I	99 Caudell, Louis
324 Bertoglio, R A	827 Cavanna, A R, Jr
574 Bezich, Vincent W	139 Cellucci, Lorento
507 Bishop, C E	165 Cheek, Leon B, Jr
430 Black, H D, Jr	100 Cherry, Hugh G
7 Bliss, Charles J	624 Chidlaw, R A
938 Blum, Wm, Jr	900 Childress, A W, Jr
672 Boberg, R W	
817 Boettcher, L H	361 Christian, A L

U. S. ARMY ORDERS

Wilber M. Brucker—Secretary of the Army
Hugh M. Milton, II—Under Secretary of the Army
—Assistant Secretary (Manpower & Reserve Forces)
Dewey Short—Assistant Secretary (Civil-Military Affairs)
Frank H. Higgins—Assistant Secretary (Logistics)
George H. Roderick—Assistant Secretary (Financial Management)
William H. Martin—Director, Research and Development
General Maxwell D. Taylor—Chief of Staff

GENERAL OFFICERS—

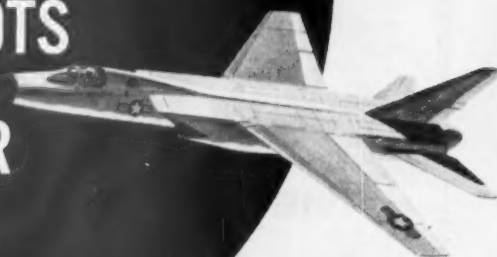
Brig General
Werner, Richard J, ret upon appl.
General Officer Appointments
To Temp Maj Gen
W/DR 1 Jul '54:
Bullock, William C Mace, Ralph R
Nelson, Ralph T Easley, Bruce

To Temp Brig Gen

W/DR as indicated:
Cunningham, William A, 3d, Inf, 1 Dec '58.
Lyter, Clinton S, MC, 2 Dec '58.
Sanders, Horace L, Arty, 3 Dec '58.
Taylor, Benjamin F, Inf, 4 Dec '58.

—Continued on page 15

WHY THE NAVY'S
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The A3J—built by NAA-Columbus—is the fastest, most versatile attack plane the Navy has ever known. It can find targets at extended strike range, even if obscured by weather. A3J's accuracy comes from an extremely advanced bombing-navigation system created by Autonetics. It's a system that is ready and reliable today—because Autonetics started working in this field 12 years ago. This experience is available to you now. Please write for detailed information.

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Downey, California

RAdm. Craig Gets JAX Command; Pentagon Post For RAdm. Grantham

RAdm. Kenneth Craig, Commander, Carrier Division Two, will become Commander, Fleet Air, Jacksonville, in March.

RAdm. Elonzo B. Grantham, jr., Deputy CofS for Operations and Plans on the Staff of C-in-C, Naval Forces, Eastern Atlantic and Mediterranean, has had his previous orders modified. He reports as Director, Near East, South Asia and African Region, Office of Assistant Secretary of Defense for International Security Affairs.

RAdm. Howard A. Yeager, Commander, Amphibious Group Four, also has had his orders changed. He becomes Anti-Submarine Warfare Readiness Executive, Office of the CNO.

RAdm. Calvin B. Gallaway, MC, Commanding Officer, Naval Medical School, Bethesda, Md., reports as Assistant Chief for Research and Military Medical Specialties, BuMed.

Capt. Charles T. Botoh, II, who has been named for flag rank, shifts from duty as CofS and Aide to Commander, Naval Air Force, Atlantic Fleet, to Assistant Chief of BuAer for Plans and Programs, in February.

Capt. Louis J. Kirn, also a two-star designee, takes command of Carrier Division 19, reporting from duty as CofS and Aide to Commander, Carrier Division Four.

Staff Corps Boards Named By Navy

The Navy has announced the memberships of five Staff Corps selection boards choosing officers for promotion to Lieutenant and Lieutenant Commander. Officers of the Chaplain, Dental, Medical, Medical Service, Nurse, Supply, and Civil Engineer Corps on active duty with the Regular Navy or Naval Reserve are being considered.

Memberships are:

Chaplain—Captains W. F. Cuthrell, President; F. A. Burke, C. L. Glenn, W. A. Mahler, R. R. Marken, J. J. O'Neill, A. Peterson, Jr., P. W. Townsend and J. D. Zimmerman; LCDR. R. G. Hutcheson, Jr., Recorder.

Dental (Lt. to LCDR. only)—Captains P. M. Carbiener, President; E. E. Jeanson, P. A. Moore, C. E. Payne, H. W. Pierce, L. M. Wallace, and W. A. Weaver; LT. W. G. Marsh, Recorder.

Medical (Lt. to LCDR. only), Medical Service and Nurse—Captains C. L. Andrews, President, N. S. Bigelow, L. D. Ekvall, H. S. Hurlbut, J. R. Kingston, R. H. Lee, N. D. Lill, R. A. Middleton, W. L. Schafer, J. G. Stubenbord, III, R. B. Sullivan, F. B. Voris, H. S. Zeve; Commanders M. C. Grimes, M. L. Haley and M. A. Harrington; LT. J. Feith, Recorder; and LT. (Jg) J. R. Soliman, Assistant Recorder.

Supply—RAdm. J. B. Ricketts, President; Captains N. W. Curtin, C. R. Eagle, Jr., T.

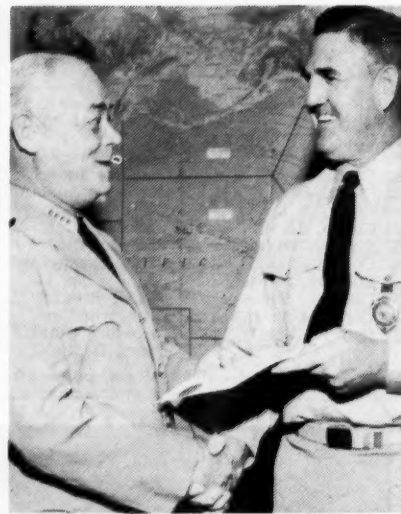
Fuller, W. T. Greenhalgh, E. R. Joshua, J. T. Mathews, Jr., C. H. Milling, L. J. Roberts, and R. L. Watson; Commanders I. G. Ashton and B. Hagopian; LCDR. J. E. West, Recorder, and Lt. L. A. Reade, Assistant Recorder.

Civil Engineer—Captains L. C. Coxe, President, J. A. Bentley, T. F. Donlon, F. F. Kravath, H. C. Rowe, R. S. Stewart and T. J. White; LCDR. W. S. Spangler, Recorder.

Marine Corps Issues Junior Officer List

The following Marine Corps officers are the last, as of 1 December, who have been promoted or for whom vacancies existed under provisions of the Officer Personnel Act of 1947.

GRADE	PERMANENT	TEMPORARY
MajGen	Marion L. Dawson	Wallace M. Greene, Jr.
BGen (Unr.)	Ronald D. Salmon	Henry W. Buse, Jr.
BGen (SDO)	William P. Battell	Paul R. Tyler
Col	Paul T. Johnston	Francis F. Parry
LtCol (Unr.)	Robert J. Fairfield	Henry H. Morzan
LtCol (LDO)	William G. Reid	Leonard Schoenberger
Maj (Unr.)	John B. Quay	
Maj (LDO)	William Fellner	
Capt (Unr.)	Louis W. Schwandt	Paul R. Jones, Jr.
Capt (LDO)	Joseph E. Mullen, Jr.	



"MASTER CHIEF"—The Navy's senior enlisted man, Wayne L. Russell (right) receives certificate of promotion to "Master Chief" from Admiral Herbert G. Hopwood, Commander in Chief U. S. Pacific Fleet. Russell, who is serving on Admiral Hopwood's staff, earned the promotion to his new grade in November after competing in a Navy-wide examination among Chief Petty Officers. The new promotion increases Russell's monthly salary by \$90.

U. S. NAVY ORDERS

Thomas S. Gates, Jr.—Secretary of the Navy
William B. Franke—Under Secretary of the Navy
Garrison Norton—Assistant Secretary of the Navy for Air
Fred A. Bantz—Assistant Secretary (Material)
J. Sinclair Armstrong—Assistant Secretary (Financial Management)
Richard Jackson—Assistant Secretary (Manpower, Personnel & Reserve Forces)
Admiral Arleigh A. Burke—Chief of Naval Operations

CAPTAIN

Allen, Arthur A. Chief Public Information Officer, Joint Staff US Cinc, Europe; to Chief Public Information Division, Cinc Southern European Forces.
Cole, Cyrus C. OpNav; to AsstDeputy SAC Lant Anti-Submarine Technical Center and Asst OIC Mutual Weapons Development Program on the Staff of the Contract Supervisor, SACLANT, La Spezia.
Dutton, William T. CofS and Aide Commander Mid-East Force; to OpNav.
Frye, Clare A. (CEC), Resident Officer-in-Charge of Construction Coral Gables; to Contract Administrator Mobile.
Gentry, Kenneth M. OpNav; to SACLANT Deputy for Anti-Submarine Warfare and Officer-in-Charge Mutual Weapons Development Program on the Staff of the Contract Supervisor, La Spezia.
Hall, Warren C. Jr. Administrative Aide USNA; to CO USS Nitro.
Haynes, Ralph B. (DC), NavAdvisoryCom NTC SDiego; to NavHosp SDiego.
Hill, Andrew J. Jr. CO USS Newport News; to CO NavAdvisoryCom NTC SDiego.
Jensen, Marvin J. ComSerRon One; Staff Commander MSTs WashDC.
McAllister, James A. Naval Electronics Lab SDiego; to Mutual Weapons Development Program on the Contract Supervisor's Staff, SACLANT, La Spezia.
Rader, George C. (DC), XO NavDental Clinic Naval Gun Factory WashDC; to BuMed.

R. Adm. E. F. McDaniel, USN (Ret) announces the publication of his book, *Discovering The Real Self*, by the Philosophical Library Inc. of New York City. Writing in layman's language, the author describes the real human-being-as-a-whole in his environment that has been discovered by modern scientific research, and then goes on to explain how this new knowledge can be used to increase the efficiency of our reasoning in all of our affairs and particularly in obtaining a more harmonious and contented life. Price \$3.75 at book stores or from author, 782 Rosemount Rd., Oakland 10, Calif.

Hydrographic Office Issues New "Bowditch"

A completely rewritten edition of Dr. Nathaniel Bowditch's "American Practical Navigator," first issued in 1802, has been published by the Navy Hydrographic Office.

The new edition was released 6 December to coincide with the 128th birthday of the Hydrographic Office. The revision is result of 12 years work by a group headed by Cdr. Alton B. Moody, USNR, Deputy Director of the Division of Navigational Science at the Hydrographic Office.

The volume has been expanded to cover the entire field of navigation, including air navigation.

The new volume is the first thorough revision since 1882.

Navy Awards Medals

The National Defense Service Medal and the Korean Service Medal are available for distribution to retired USN and USNR officers and men, and to inactive Reservists.

Distribution of the awards will be made by local commanders who will draw supplies of the awards from the Naval Supply System. The Bureau of Personnel said that individual requests are not to be submitted.

The medals were presented to active duty officers and men several months ago.

Ex Midshipman Named Pan Am Vice President

John C. Pirie, Associate General Counsel of Pan American World Airways, has been elected a PanAm Vice President. Mr. Pirie attended the U. S. Naval Academy, and graduated from the University of Nebraska and the University of Nebraska Law School. He continued his legal studies at Oxford University between 1931 and 1934.

Urban, Kenneth L. (DC), NavDentalScol Nat NavMedCen Bethesda; to XO NavDental Clinic Naval Gun Factory WashDC.
Wayne, Charles, Office of AsstSecDef (International Security Affairs); to Office DecDef.
Wright, Kenneth E. BuAer; to OpNav.

COMMANDER

Bancroft, Beauford A. PATRON 47; to FEDAVAGENCY WASHDC.
Hayler, Robert W. Jr. SIXHTFLT; to NATODEFCOL PARIS DUINS.
Hurst, Thomas C. 3d, SUBRON SIX; to COMSUBDIV 62.
Nelson, Wayne A. (DC), NAS PNCLA; to USS BENNINGTON.
Williams, John W. CO USS ROWE; to OP NAV.
Bacharach, Richard, NAVACTY PORT LYAUTEY KENITRA; to NAVHOSP BETHESDA TRMT.
Carroll, Robert M. COMSUBDIV 62; to ROYALNAVSTAFFCOL GREENWICH DUINS.
Czerwony, Andreas R. CINCNELMREP FRANKFURT; to MSTSLANTAREA.
Darby, Lowell E. NAVSEC MAAG FED REPUBLIC OF GER BONN; to SACLANT ASWTECHCEN LA SPEZIA.
Ford, Orin N. CO ATKRON 215; to BUAER GMLOFF HOLLOMAN AFB.
Lancaster, Jay V. FAETULANT; to NAS NORVA.
Lewellen, Robert S. CO USS VAMMEN; to CO USS BUCK.
Lewis, Garner L. (MC), UNIV OF CHICAGO CLINICS DUINS; to NAVHOSP BETHESDA.

—Continued on page 25

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Unit.....

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Navy Augmentation Board Chooses 252 Reservists For Regular Commissions

THE Navy's Continuing Augmentation Selection Board has named 252 Reserve and Temporary officers for Regular commissions, including 95 lieutenants, 146 lieutenants (jg) and 11 ensigns.

In making its selections, the board picked 185 line officers (including 85 pilots); eight Line WAVES; three lawyers; six Limited Duty officers with specialties in aviation electronics; 16 nurses; 27 Supply officers; six chaplains; and eight engineers.

All but 21 of the Reservists chosen were on active duty. Four of the selectees were on active duty with the TAR (Training and Administration of the Reserve) Program.

Here are alphabetical lists, by category, of those chosen for Regular commissions. An asterisk denotes that the individual is a lieutenant and the symbol † that the officer is an ensign. Officers whose names are not preceded by a symbol are lieutenants (jg).

LINE

Allen, David L
Allison, Arnold W
Anthony, Phillip D
Beaver, John T
Bello, Louis F
Blaser, John W
Boehret, Jesse T D
Borden, Douglas H, Jr
Borst, Francis W, Jr
Brierre, Roland T, Jr
Brown, Bobby J
Carr, Robert L
Caruso, Amedeo B
Cassen, John S
Celeski, Arthur B
Clark, Robert A
Clements, Robert B
Copton, Claude A
Cone, Henry S, Jr
Coston, Stanford W, Jr
Courtney, Hugh J
Cueroni, Lee A
Curtis, Fred M
Davis, Thomas A
Derr, John P
Dewey, Richard F
Donnelly, Richard F
Eaton, Robert H
Edelman, Gilbert H
Felkins, Charles G
Filkins, William C
Garrett, John E
Garin, Billy D
Gier, Robert W, Jr
Groff, Bruce F
Hager, Charles F
Hanigan, Marvin F
Hanson, John I
Harper, William W
High, James T, Jr
Hinton, Robert L
Hoch, Wesley A
Holland, James N
Johnson, George P
Kaltenborn, James C
Kelly, James F
Lasowski, Donald T
Lehr, Ronald F
Lessman, Arthur J

LINE WAVES

Andersen, Jeanette L
Clark, Patricia A
Miller, Sarah L
Momburn, Iola M

PILOTS

Ball, George B, Jr
Barton, Robert L
Bate, Ronald D
Beverly, Louis M
Bloom, Donald D
Book, E James
Brumage, R L
Burnett, William J
Christon, Paul W
Clark, William E, Jr
Connell, Earl W
Crawford, Donald H
Crawford, Robert E
Dellinger, Ches Y, Jr
Downville, Compton N
Elliott, Leroy S
Extinger, Harry E
Everett, Lauren R
Fairbanks, Wayne K
Fenzl, George J
Finch, Albert
Freely, John J
French, Douglas E
Gibson, Clifford W
Gregory, Donald G
Haggerty, Stewart V
Haupt, Elmer H
Henderson, Charles G
Holmes, Harry M
Jarwin, Raymond J
Keene, Glen F
Lane, Archie G
Lengel, Robert C
Lewey, Ira D
Lewis, John R, Jr
Linehan, Timothy J
Lockhart, John V
Loeffler, Wm H
Lukensbach, Max D

Lindenmayer, Louie L
Luitgens, Robert H
Lunday, John W, III
MacGee, Edwin E
Mackinnon, James C
Mann, Horace D, Jr
Mann, John P
McCarthy, Eugene W
McCarthy, Richard W
Miller, Gordon J
Miner, Duane A
Morse, Harold C
Nolen, Hefflin T
Norris, Frederick J
Oaksmith, David E, Jr
Obryan, Michael E
Ohman, Paul W
Olsen, Richard L, Jr
Pattee, Arthur W
Peper, Harold J
Phillips, James C
Raubert, Carl A, Jr
Ridge, James J
Romaine, Howard G
Rowsey, James M, Jr
Saubers, Walter F
Schultz, Charles W
Shanahan, Wm F
Siletto, Ronald J
Silverman, Arnold M
Smith, Peter
Smythe, Francis J
Stanford, Robert L
Szynter, Edward W, Jr
Thorpe, Gordon L
Tollinger, John N, Jr
Treiber, Maurice L
Valentine, Virgil G
West, Gordon R
White, Maurice G
Williams, Wallace E
Witt, Robert T, Jr
Worst, Dale R
Young, James E

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TEN THOUSAND HOURS is the total flying time compiled by Brig. Gen. Ernest K. Warburton after his flight in a Lockheed F-104 Starfighter at the Air Proving Ground Center where he is Deputy Commander for Development and Test. The log books in his right hand date back to 1926, when he made his first military flight at Brooks Field, Tex. General Warburton has flown the equivalent of 417 days in a total of 462 different types and models of U. S. and foreign aircraft.

Air Force Will Promote 525 To Captain By Year's End

THE Air Force this week named 4248 line officers for temporary promotion to captain in the period from 8 December through 30 April. The promotion schedule calls for 526 promotions this month.

The senior officer on the list held date of rank from 8 March 1949; there was one selection from the '50 group, and four from '51.

First lieutenants with dates of rank in 1952 extend from Number 7 through Number 25 on the list, with '53 dates covering Number 26 through 145.

First lieutenants with '54 dates of rank extend from Number 146 through Number 3172, with '55 dates reaching from Number 3173 to the junior man on the list, Robert J. Circe, whose 30 December 1955 date of rank is the same as the next junior officer, Jesse R. Cobb.

The following list gives the names of the first 525 first lieutenants on the list,

whose promotions will be made through 31 December.

8 Dec. 1-25

Westberg, Arnold D. Poore, Lawrence F.
Baxter, William J. Schmittauer, John F.
Johnson, Harold A. Leonard, Eugene T.
Martinez, Jose E. West, Oliver N.
Lush, Archie E. Hoffman, John H.
Clawson, C. B., Jr. Fuller, Gerald G.
Eckhardt, Leroy E. Hofmann, Victor R.
Cross, Robt V. Schuelke, Chas W.
Longfieldsmith, J W. Gianniny, Chas M M.
Mobley, Donald A. Neely, David F.
Conklin, Wm F. Fisher, Ralph E.
Hill, Worth E. Guernsey, Harold L.
O'Connor, Wm J.

9 Dec. 26-50

Anderson, Edith R. Stewart, Walter R.
Takasugi, Shoji Mason, Max A., Jr.
Shearer, Donald F. Zook, David H., Jr.
Thompson, Chas V. Tighe, James F.
Loose, Richard F. Hicks, James A.
Malloy, Eugene P. Eisenhart, Mearle G.
Lacamp, Edw J. Hindman, Roy G.
MacArthur, Jno C, 2d Dawson, James R.
Olsen, Gabriel C. Hanlon, Leon J.
Flaig, Donald W. Cunningham, W J.
Amelio, Gilbert N. McClain, Donald E.
Anders, Vincent H. Weaver, Walter E.
Steele, Wayne

10 Dec. 51-67

Johnson, Eric A. Foelker, George A.
Westbrook, D E Seaman, Paul M., Jr.
Collins, Cliff M. Smith, Emory E.
McTaggart, Carl L. Plummer, Ira L.
Hanst, Harry M. Hopkins, Winfield M.

11 Dec. 68-102

Lofton, Herbert J. McConnell, James W.
McDaniel, James N. Petersen, Frederick L.
French, Kenard J. Carney, Abner T.
Warren, Arthur L, Jr. Gordon, Cleveland W.
Conley, Thomas E. Quirk, Jean L B.
Bruen, Daniel T. Parker, Robert S.
Sanders, Edgar G. Doering, Rodney P.
Cole, Robert E. Preston, J. C.
Moen, Eugene D. Vayda, Robert W.
Banks, John W, II Alderman, K W.
Rajcich, Rudolph I. Brown, Calvin I.
Neison, Leroy W. Gott, Sue S.
Calhoun, John R. Leshar, Keith M.
Coffin, Richard V. Turpen, James R.
Steidel, Charles W. Kierlin, Donald S.
Kapsa, Charles F. Carr, Neil K.
Frasier, Robert L. Reisinger, Gerald E.
Swing, Herbert R, Jr.

12 Dec. 103-145

Tuttle, John E. Tickel, Burt E.
Saathoff, Joseph F. Kaddy, B O, Jr.
Vladika, Frank A. Parsells, Dana E.
McBurney, Gerald M. Parson, Howard W.
Spindler, Richard V. King, James W.
Charles, Robert D. Fillingim, William R.
Winberry, William T. Boesch, Donald E.
Young, Eddie L. Vonschweinitz, Eric.
Thompson, James I. McEwen, T C, Jr.
St. John, Virgil W. Danmeyer, Robert P.
Blough, Jack R. Winslow, Robert W.

—Continued on page 13

Supervisor Exam Manual Changed

The Air Force has issued the 1959 edition of the Supervisory Examination and manual of instructions for administering tests beginning 1 January.

AFPRT 28, USAF Supervisory Examination (Second Revision), 1 January, will replace AFPRT 28, 1 July 1955. AFPRT 58, 1 January, Instructions for Administering the USAF Supervisory Examination (First Revision), will replace AFPRT 58, 1 September 1951.

The Air Force stressed that the present test and manual are obsolete and will be destroyed in accordance with AFM 35-8 after 1 January.

U. S. AIR FORCE ORDERS

James H. Douglas, Jr.—Secretary of the Air Force
Malcolm A. MacIntyre—Under Secretary of the Air Force
Dudley C. Sharp—Assistant Secretary (Material)
Lyle S. Garlock—Assistant Secretary (Financial Management)
David S. Smith—Assistant Secretary (Manpower Personnel & Reserve Forces)
Richard C. Horner—Assistant Secretary (Research & Development)
General Thomas D. White—Chief of Staff

MAJOR GENERAL

Lueddecke, (BrigGen) Alvin R. fr 1137th USAF Sp Act Sq, Hq Comd USAF, Ft Myer, Va. fr dy as Comdr, Jt Task Frc 7, & ret in gr BrigGen, eff 30 Nov 58, & adv to gr of MajGen.

Campbell, Daniel S. prev ovs re his rsg fr Baghdad, Iraq, to Ankara, Turkey, attached to Jt US Mil Msn for Aid to Turkey, APO 380, NY, IATR "to USAF Gp, Jt USMIL Msn for Aid to Turkey, APO 254, NY."

Ogle, (BrigGen) Dan C. fr Ofc. Surg Gen, USAF, Wash, DC, fr dy as Surg Gen, & ret in gr of MajGen, eff 30 Nov 58.

BRIGADIER GENERAL

Coupland, Don, Hq San Bernardino Air Mat Area, AMC, Norton AFB, is rel fr dy as Dep Comdr for Ballistic Msis, San Bernardino Air Mat Area & asg dy as Dir/Log Sprt Mgmt, San Bernardino Air Mat Area, eff 1 Jan 59.

Large, William R. Jr, fr Hq SAC, Offutt AFB, fr dy sta Inglewood, Calif, fr dy as Ast Cinc SAC, SAC MIKE, to Hq 706th Strat Msl Wg, SAC, FE Warren AFB, for dy as Comdr.

Miller, Frederic H, DCS/M, Hq USAF, is rel fr dy as Dir/Materiel Programs; & asg dy as Dep Dir/Supp & Svcs, eff 1 Dec 58.

Maddux, Sam, Jr, Hq ATC, Randolph AFB, rel fr dy as IG, ATC; & asg dy as DCS/Fly Tng, ATC, eff 3 Dec 58.

Page, Jerry D, Hq ATC, Randolph AFB, rel fr dy as DCS/O, ATC; & asg dy as DCS/Tech Tng, ATC, eff 3 Dec 58.

COLONEL

Fr Wash, DC to Sta Indicated
Hunsucker, George E, Hq Ninth AF, TAC, Shaw AFB.

LIEUTENANT COLONEL

Hill, Clayton C, Wash, DC, to Hq AAC, APO 942, Seattle.

Pezda, Edwin F, Cleveland, O, to Det 1, Air R&D Comd, Wright-Patterson AFB.

Bohleber, Carl F, Holloman AFB, to 314th ADiv, PacAF, APO 970, SF.

Trossbach, John M, Scott AFB, to 1607th Instl Sq, MATS, Dover AFB.

Easterling, Maurice B, Brookley AFB, to Hq 13th AF, PacAF, APO 74, SF.

MAJOR

Komyati, Edward J, Dover AFB, to 7227th Sup Gp, USAFE, APO 293, NY.

KINDLEY COMMANDER

Col. George L. Robinson, Deputy Commander of Keesler AFB, Miss., has been named Commander of Kindley AFB, Bermuda.

A graduate of the Air Command and Staff School and the Air War College, he is also a command pilot. His decorations include the Silver Star, DFC with one Oak Leaf Cluster, the Air Medal with five Oak Leaf Clusters, and the Commendation Ribbon.

Colonel Robinson is married to the former Mildred Smith of Jacksonville, Fla. They have one daughter, Nancy.

Agnewbroad, Clifford J, Wash, DC, to 92d Air Rflg Sq (H), SAC, Fairchild AFB.

Fowler, Lawrence A, Huntsville, Ala, to Brookley AFB.

Gregg, Anne M, Dover AFB, to 3920th Hsp, SAC, APO 147, NY.

Fr MacDill AFB, to Sta Indicated
Rifle, John L, 3913th Cmbt Sprt Gp, SAC, APO 127, NY.

Mulligan, Frank A, 4138th Strat Wg, SAC, Turner AFB.

CAPTAIN

Ward, Albert H, Jr, Dover AFB, to 1615th Sup Sq, USAFE, APO 231, NY.

Trimble, Earl L, Jr, Seymour Johnson AFB, to Fgn Institute, Dept/State, Arlington Towers, Arlington, Va.

Couey, Earl J, MacDill AFB, to 703d Strat Msl Wg, SAC, Lowry AFB.

Mulholland, Harry E, Ent AFB, to Hq Fifth AF, PacAF, APO 925, SF.

—Continued on page 20

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- Ragged

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TAC Will Receive New Lockheed Hercules Early In '59; More Power, Longer Range

The new and advanced version of the Lockheed prop-jet Hercules has made a successful first test flight, the Air Force announced 10 December.

The "C-130B," being built at Marietta, Ga., made a 1½-hour maiden flight.

The new airlift transport is longer-ranged, faster, more rugged, and quieter than the C-130A model.

The first version will be delivered to the Tactical Air Command early next year.

For the longer-range flights, the new model Hercules has sleeping quarters for a relief crew and facilities for preparing hot meals.

The engine power has been increased to 16,200 horsepower. The "A" model had 15,000 horsepower. Four Allison T56-7 prop-jet engines and added fuel tanks will give the "B" model a range 1,000 miles greater than the "A" plane, which could travel 3,000 miles non-stop.

To handle the additional power, the new aircraft has been equipped with four-blade Hamilton Standard Hydro-matic propellers, 13½ feet in diameter.

Take-off weight has been increased by 11,000 pounds (total of 135,000 pounds) to provide for additional loading and fuel.

The improved Hercules is climatized for transporting sensitive missile components and/or men to defense outposts.

The versatile aircraft flies at altitudes higher than 35,000 feet and at speeds of 360 miles per hour. Rugged in construction, it can operate with ease from Arctic snows or from short, hastily prepared runways anywhere in the world. A self-contained auxiliary power supply enables the C-130B to operate from forward or remote areas independent of ground support equipment. A newly-developed mechanical loading system can inject 35,000 pounds of cargo through the large ramp door in less than a minute, and have the aircraft airborne in 20 minutes.

The advanced version C-130 made its

initial flight after being under development for approximately 18 months.

The original C-130A models were still in test flight status with the Air Force, when Lockheed engineers began drafting plans for a longer-range airlift transport in May, 1956.

Approximately 100 Hercules "A" models of the Tactical Air Command and U. S. Air Forces in Europe took part in the recent Lebanon airlift. A large number of the high performance air carriers are supporting forces in the Far Pacific areas.

NEW JAG FOR MATS

Lt. Gen. William H. Tunner, MATS Commander, has named Col. Stewart S. Maxey as Staff Judge Advocate.

He replaces Col. Jean F. Rydstrom, recently named SJA for Eighth AF at Westover AFB, Mass.

The new MATS Staff Judge Advocate, a veteran of 18 years service, was the first Staff Judge Advocate of Fifth Air Force and Far East Air Force in the Asiatic-Pacific theater during WWII. Prior to his assignment to MATS, he served as the SJA of the US Air Forces, Europe.

Army Navy Air Force Journal 11
13 Dec. 1958 (Vol. 96, P. 443)

Lt. Col. Ward Materiel Chief

Lt. Col. James F. Ward, Jr., former Staff Maintenance Officer, has been appointed Director of Materiel for 1st Fighter Wing at Selfridge AFB, Mich.

His appointment came as a result of the reassignment of the former Director of Materiel, Lt. Col. Corwin J. Papik to Headquarters, 314th Air Division in Korea as advisor to the Staff and Faculty of the Korean National Defense Colleges.

Vandenberg AFB, Calif., site of the first Air Force missile base, is expected to reach a population of more than 7,000 by the end of the year.

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OFFICER-STUDENT DECORATED. Lt. Col. Donald M. Bowers (left) professor of air science and commander of the Air Force ROTC unit at Boston University, pins an Air Force commendation ribbon on Capt. Ralph M. Dove an Air Force "contract student" studying at the University's School of Public Relations and Communications. Captain Dove was cited for "meritorious service while serving as Chief, Information Services Division, Headquarters Air Rescue Service, Orlando Air Force Base, Florida."

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DANIEL Z. HENKIN
Assistant Editor

13 DECEMBER 1958

Research, Industry, And The National Defense

The fact that the Department of Defense, in the words of Dr. Louis N. Ridenour, is now "the largest single patron of the sciences in history", emphasizes the importance of assuring that we conduct our research program in such a way that we get the most possible results from our programs.

Dr. Ridenour, Assistant General Manager, Research, Missile Systems Division, Lockheed Aircraft Corp., addressed the Research Seminar of the American Ordnance Association in New York City last week (see story on page 32) on the subject of "Industry's Dependence on Defense-Supported Fundamental Research". In his comprehensive and thought-provoking presentation Dr. Ridenour discussed the special nature and peculiar requirements of fundamental research.

First and most important, he emphasized, there is no substitute for talent. The greatest advances in fundamental science, he said, are almost always traceable to the work of a single exceptional individual. Yet this is not always recognized and "the promise of a research effort is often related to its budget and its population."

Another requirement for success in research, Dr. Ridenour pointed out, is consistency of support. A relatively small stable program is likely to yield much better results in absolute terms—and tremendously greater value per dollar expended—than will a program involving much more money spent in stop-and-go fashion, he declared. "Not only is continuity of financial support required," Dr. Ridenour continued, "consistency in the manning of a fundamental research effort is also very desirable. In defense industry, there are often emergencies in military development programs which appear to demand the assignment to the task of every available individual, and these recurrent 'flaps' are frequently permitted to disturb the assignment of senior technical people to programs of fundamental research."

The final requirement stressed by Dr. Ridenour is the "keen desire of the industrial research worker to see practical applications made of the advances in knowledge to which he has contributed." Dr. Ridenour said that before he was connected with industry he would not have guessed that this requirement existed, but that he now knows that "vigorous attention to applying the results of fundamental research is an important factor in mounting and sustaining a successful and effective research program."

Dr. Ridenour made another important point in referring to scientific and technological advance as being "both responsible for our present civilization and the main reliance for its defense." There is no doubt but that the fundamental research sponsored by the defense forces develops knowledge that can be of vast value to all industry and can contribute to better living for everyone.

Continuity of financial support for such research is the prime necessity. We hope that Congress will keep this in mind in making its appropriations for the next year.

How Far Will Budget Go To Fill Infantry's Needs?

The Army Infantry Conference just concluded at Ft. Benning, Ga., brought together top U. S. infantry leaders from all over the world. Their discussions (see stories in this issue of THE JOURNAL) afforded a rare opportunity to assess and balance the results of vast field experiences over all sorts of terrain, under all conditions of climate, and with all currently available weapons and equipment.

The conclusions of this group thus represents a consensus of the best of the U. S. Infantry.

As reported by an on-the-scene member of THE JOURNAL staff on page one, the Conference was unanimous in emphasizing the need for a new type of vehicle, the so-called flying jeep, capable of operating in the "nap of the earth," unimpeded by terrain features yet using them for protection.

This is not a new concept, but it is one which will take considerable

research and development to bring to the stage of production and issuance to troops.

Also emphasized was the need for increased reliance on radio communications with a corresponding decrease in the dependence on wire. Such a shift would give greater flexibility, increase mobility, and increase efficiency in the high speed communications so greatly needed in fast-moving warfare.

This would require the expenditure of some funds for research and development and more for replacement of equipment.

The Infantry leaders also considered the wide frontages to be controlled by units in future war, and recommended that dead spaces between them be controlled by new surveillance devices, suggesting that means other than radar be employed.

Such surveillance improvements mean the use of drones or manned aircraft either sending back the information or returning with it. Systems other than radar would involve research and development in infrared, acoustics, seismics, optics, and photography. It would also require the development of some system of evaluating the results in time to be of use to the commanders. All this would necessitate considerably more expenditures than the Army has been authorized in the past.

These are highlights of some of the increases in appropriations which would be needed if the advice of these top infantrymen is to be heeded. To be of value, such funds should be available immediately for there is considerable lag between the determination of a need and the delivery of the final product to the troops.

Fortunately, there are other recommendations of the Conference that can be effected administratively, such as perfections in organization and training procedures. But for real results, money will be needed.

Two months ago the Chairman of the Joint Chiefs of Staff, General Nathan F. Twining, USAF, declared that in his opinion the Army should be a "compact, mobile, hard-hitting outfit with a minimum of supporting impedimenta." To meet this criteria, too, the Army would require more R&D money and more production money than it has been getting.

The future is up to the Administration and Congress. The Budget and the appropriations which will be based upon it will be the limiting factor in the attainment of the objectives worked out at Ft. Benning.

READERS' VIEWS

Competitive Tour Problem

■ Reference your "Readers' Views" of 15 November 1958 relative to the "Competitive Tour Fix."

If we had not known better, we could have bet that we wrote the letter ourselves. There are many hundreds-plus of us "Competitive Tour Frustratees" who are in the same boat.

In addition to the remarks by the "Competitive Tour Frustratee" and, as a matter of interest, may we add another facet:

We were, on the whole, serving as 1st Lieutenants with rank anywhere from October 1944 to December 1946. We understand that the USMA Class of 1944, on the whole, was promoted to 1st Lieutenant AUS in March 1945; that the USMA Class of 1945, on the whole, was promoted to 1st Lieutenant AUS in December 1946 and promoted to Captain, AUS in October 1950. Why should they have been promoted ahead of their contemporaries?

Please don't misunderstand—we have the highest regard for the "regular" regulars, and as a group, they are highly qualified. We hope our sons may some day go through West Point. Why

then should these "distinctions" be placed on us? Have personnel management authorities worked at these variations, or is it all accidental and coincidental?

We would like to recommend that each "Frustratee" apply to the Army Board for Correction of Military Records (DD Form 149), pointing out our cases and requesting that appropriate legislative action be taken to put us in our rightful place in the files.

We are not asking that we be granted any part of the thousands of dollars of pay we have lost, we just want to insure against continued loss of pay, promotion consideration, duty assignments, responsibilities, and the many other duties and privileges that accrue with rank.

"TWO FRUSTRATEES TOO"

Canisius Claims Lt. Adamek

■ On page 13 "MEMO" of THE JOURNAL dated 29 November 1958, the last item concerned 2d Lt. Raymond J. Adamek and listed him as a graduate of Stetson University, DeLand, Fla.

Mr. Adamek did achieve a record at the Chemical-Biological-Radiological School at Ft. Benning, Ga., as he has done throughout most of his academic career, but he is a 1957 graduate of Canisius College, Buffalo, N. Y. He graduated Summa Cum Laude and was No. 1 out of his graduating class of 142. In addition, he was awarded the Superior Scholastic Achievement Medal, which is rarely awarded, the Aquinas Philosophy Merit Medal, and a Graduate Scholarship at Fordham University. He was elected to the Di Gamma Honor Society and to the Alpha Sigma Mu Honor Society, both of which are extremely select groups.

We are proud of Lt. Adamek here at Canisius and feel it only fitting that credit for his achievements be shared by his Alma Mater. A correction would be appreciated.

Sincerely yours,
RICHARD B. ENGEL
LT. COLONEL, ARTY
PMS&T
CANISIUS COLLEGE
BUFFALO 8, N. Y.

IN THE JOURNAL

10 Years Ago—Col. Mary A. Hallaren has accepted the oath of office as the first woman officer in the Regular Army except for those in the Medical Department.

50 Years Ago—Coincidentally with the rise of Germany's sea power, there is going on a remarkable development in the nation's waterways. Berlin is now ambitious to be a seaport and a project for a maritime canal from the Baltic Sea is under way.

95 Years Ago—The Report of the Pension Bureau shows that only 18 Revolutionary pensioners remain on the official rolls, drawing the small sum of \$1,044.82 last year; 1,573 widows of Revolutionary soldiers are still pensioned, and took \$132,236.74.

From
Dial
Hall,
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Jacob
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Veach
Bell, L
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Reid, R
Cheson
Reed, C
Morin,
Lander
Lutz, R
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Bigwood
Mooney
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Wilson,
Wilder,

Leaving Widow Right To Elect Method Of Receiving Proceeds From Commercial Life Insurance Allows Greatest Flexibility

In THE JOURNAL of 25 October 1958 was published a letter from Maj. Kenneth F. Hanst, USA-Ret., Executive Vice President, Army Mutual Aid Association, discussing one phase of the entitlement of pensions. Because of the number of inquiries received, THE JOURNAL asked Major Hanst for a more detailed discussion of pensions and compensation. Major Hanst complied and his statement follows:

THE inquiries which have followed recent publication of a letter dealing with one specific question concerning pensions indicate that a considerable amount of confusion on the subject exists. The following statement may help to clarify it.

The widow of a deceased veteran may be entitled to compensation, pension or no monetary income from the Government whatever, depending upon the veteran's service and the cause of his death.

The remuneration paid because one's death occurred during or as a result of one's service is entitled "Dependency and Indemnity Compensation." Compensation is paid by the Veterans Administration to the widow of every individual dying on Active Duty if no misconduct or negligence was involved. The amount payable is \$112 plus 12% of the deceased's basic pay. Compensation is also paid to the widow of a veteran if it can be shown that the cause of his death—or a contributory cause—originated during, or was aggravated by, his active service. In-

come is NOT a factor in determining a widow's entitlement to compensation.

Pension may be paid to a veteran's widow solely because of the fact that he served in the Armed Forces during a war-time period, whatever the cause of his death. Income is a factor in determining her eligibility, the limitation being \$1,400 annually where the widow is the sole survivor and \$2,700 for the widow with a minor child or children. For the widow to be eligible for a pension, it is further required that her husband had at least 90 days' service during World War I, World War II, or Korea. In the case of the latter two conflicts, the veteran must also have incurred some degree of disability during the appropriate period of hostilities. However, it is not necessary for the disability to have been of sufficient degree to qualify him for compensation from the Veterans Administration or disability retirement from the Army. Present laws provide a monthly pension of \$50.40 for widows who qualify under the preceding provisions.

Unless the widow can qualify for either compensation or pension, she will receive no payments whatsoever from the Veterans Administration on account of her husband's service. For an example of what this can mean, take the case of an individual whose service began after World War I and who incurred no disability during World War II or Korea. If he dies after retirement of other than service-connected causes, his widow will receive no recompense from the Veterans Administration despite the fact that he may have contributed almost 40 years to the service of his country.

There is one technical point concerning income in determining a widow's eligibility for pension which should be noted. The proceeds of commercial life insurance payable to the widow-beneficiary in one sum are considered as income for pension purposes only in the calendar year of the veteran's death even though she does not take payment in cash but instead elects to receive the proceeds as a life annuity. Those future payments will not have to be counted against the \$1,400 income limitation. On the other hand, if the veteran himself specified settlement on an annuity basis without including a provision giving his wife the right to receive payment in one sum, she must report each annuity payment received in future years as income for pension purposes. The crux of the matter is not did she receive cash payment but could she. No matter what method of payment has been specified for NSLI or USGLI, they are not considered in determining the widow's income nor are payments under the Uniformed Services Contingency Option Act.

Air Force Promotes 525 In December

from page 10—

Drisko, Charles H
Hall, Billy L
Herz, Ernest J
Broedel, John E, Jr
Kauf, Leo W
Mixon, John E, Jr
Scaggs, Delmer
Raynor, Gordon H
White, Edward T
Farrell, James J

Cummings, A M, Jr
Rice, Philip L
Troske, Erwin E, Jr
Calnan, Henry J
Stambaugh, James P
Colladay, Harold A
Colton, John O
Bass, Robert D, Jr
Kraker, Robert L
Dillon, Oliver M

15 Dec. 146-191

Jacobs, Lloyd, Jr
Blank, Kenneth T
Phillips, F S, sr
Vogt, Philip H
Young, John A
Hopkins, Robert S, II
Kelly, Jabez P, Jr
Jensen, Richard B
Carter, Paul A
Pribyl, Wendell J
Castille, Lloyd L
Grothouse, Arthur P
Brophy, William J, Jr
Looney, Billy D
Stack, Edward O, Jr
Perkins, John R
Hilliard, Jesse E, Jr
Simon, Joseph S
Daniell, C J, Jr
Welkom, Jerome G
Lloyd, Russell G
Kastner, Robert E
Penn, Percy J

16 Dec. 192-222

Sermon, Thomas D
Hietzle, Joseph F
Malott, Carrington L
Gant, Edward D
M. R. R, Jr
Anderson, Gilbert R
Vestch, Wayne C
Bell, Luther E, Jr
Kubik, Edward T
Smith, Richard N
Reid, Rudolph P
Gibson, Charles E
Reed, Clifton E
Morin, Normand G
Landers, James L
Lutz, Richard C

17 Dec. 223-265

Foster, William B
Dunlap, Kenneth D
Bigwood, Kenneth E
Mooney, Gene A
Groves, Albert H
Tumell, Alfred L
Houck, Francis S
Reed, Stanley M
Dorney, James M
Forney, Robert E
Ruta, Stanley A
Ludwick, Robert L
Johnson, Milo L, sr
Willoughby, John S
Nelson, John C
Pressgrove, E H, Jr
Thornon, Bobby W
Deaquier, B W, Jr
Russell, Glen R
Howard, John C
DeFrancesco, K E
Doyd, Roger N

18 Dec. 266-297

Wilson, William J
Wilder, William J

Osborn, Harold L
Adnet, Jacques J P
Sullivan, H E
Zehring, Robert A
Eringer, Charles R
Niles, Robert H
Phalen, John E
Sptizer, Benjamin L
Null, Harry C
Maurer, Joseph H
Rusell, Eugene J
Sallade, Ralph E
Slaughter, Ernest H
Johnson, Isiah

19 Dec. 298-336

Sullivan, William P
Augsburg, F B
Thomas, James D
Baggett, William D
White, Richard E
Warner, John A
Williams, Larry D
Willig, Eugene J
Sullivan, James T
Przytul, Donald J
Marquand, H W
Comte, Carlton P
Smithpeter, Carl H
Tomalino, V J, Jr
Coon, Richard D
Doskey, Albert A, Jr
Oldham, Richard A
Deregibus, Remo J
Eum, David K S
Allenson, Vincent J

22 Dec. 337-362

Lubin, Michael D
Burkard, Richard K
Lakins, Charles R
VanHorn, Robert A
Randle, Donald W
Fulton, William H, Jr
Goldacker, Claren B
Trott, Allen L, Jr
McCurdy, Garvin
Riddle, Robert B
Litten, David S
Elliott, David A
Campbell, Duane D

23 Dec. 363-404

Cesta, Francis G
Tipton, Emeal
Bales, James T, 3d
Haynes, Hershel B
Bailey, Fred E
Carrington, Mayo, Jr
Stewart, William J
Lord, John H, Jr
Brooks, Jack B
Whitehead, James E
Cowan, David B
Copeland, Charles L
Shirley, William C
Baldwin, William K
Matula, Michael M
Boyette, Charles E
Crawford, Frank T
Eason, Richard S
Roberts, Ben A
Landry, James R
Bennett, Allan, Jr

24 Dec. 405-430

Zimmerman, D R
Borgren, Calvin
Goeglein, John W
Hayes, Harold E
Elsbernd, Arnold A

Wald, William H
Powell, Paul Y
Wright, Donald G
Luckett, Calvin D
Wurm, Lawrence E
Cole, William J
Dergarabedian, M
Barrow, Walter J, Jr
Fasulo, Robert A
Regets, Bernard A
Grant, John F
Minett, Wallace H
Huling, E E, Jr
Mack, Robert J

29 Dec. 431-458

Young, Philip H P
Williams, Stuart J
Loy, Eugene W
Dean, Sidney N
Pucker, K A, Jr
Harlin, Edgar F, Jr
Hutchinson, D W
Hunter, Robert D
Rafowski, William J
Perry, Lincoln A
Jackson, Howard W
Frank, Gerald R
Yates, James E
Lal, Harry K L

30 Dec. 459-493

Rains, William E
Hunter, Robert E
Stein, Theodore T, Jr
Morris, Cordous L, Jr
Gorczyca, Tadeusz S
Covington, James D
Arnold, Jerry L, 3d
Rickey, Alfred J, Jr
Shwiff, Myron D
Williams, Floyd C
Reed, Morris D
Pleinich, Alfred A
Harris, Ernest J

31 Dec. 494-526

Schultz, Kenneth J
Nicholls, Norman G
Smith, Curtis R
Ikeawa, Michael A
Oshesky, Gordon D
Seemel, Walter W
Lehmann, Eugene H
Aldridge, Harold L
McBride, Richard W

1910 Connecticut Avenue Northwest

Washington 9, D. C.

Phone: HObart 2-1220

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Cleveland, Fred F. Fey, 339 Citizens Bldg., Cleveland 14, Ohio. Cherry 1-2029.

Chicago, Dick Jones, 333 No. Michigan Ave., Chicago 1, Ill. Central 6-2828.

Academy Football

Undeclared football seasons this year were recorded by both the U. S. Military Academy and the U. S. Air Force Academy. The following are the records of each of the Service Academy teams for this year:

ARMY

45—South Carolina	8
26—Penn State	0
14—Notre Dame	2
35—Virginia	6
14—Pittsburgh	14
68—Colgate	6
14—Rice	7
28—Villanova	0
22—Navy	6

NAVY

14—William and Mary	0
28—Boston U.	14
20—Michigan	14
6—Tulane	14
50—Pennsylvania	8
20—Notre Dame	40
40—Maryland	14
28—George Washington	8
6—Army	22

AIR FORCE

37—Detroit	6
13—Iowa	13
36—Colorado State	6
16—Stanford	0
16—Utah	14
33—Oklahoma State	29
10—Denver	7
21—Wyoming	6
45—New Mexico	7
20—Colorado	14

COAST GUARD

30—Vermont	30
12—Norwich	0
6—Wesleyan	15
6—Amherst	50
8—Worcester Tech	14
8—Trinity	51
28—R. P. I.	8

George, Ronald E
Blanchard, Dale H
Manno, Vincent L
Beach, Dean L
Tobin, John J

Hawkins, Raymond J
Strout, Alvin B
Blerie, Thomas E
Stark, Jerry D

31 Dec. 494-526

Chervenak, John P
Duval, Robert C
Groves, Manfred R
Davidson, Howard H
Berry, William L
Cook, Fletcher M, Jr
Scully, Donald J
Redden, James E
Armstrong, W O
Doan, Bruce A
Marvin, James G
Liddle, Dallas M
Barry, John F
Gahn, Dennis B
Carey, Boone, Jr
Pasekoff, Robert E
Conroy, Robert B

Eight New W-4's

The Army in S. O. 243, effective 9 December, has promoted the following eight CWO W-3's to temporary CWO W-4:

Richard D. Anderson, James E. Garrison, Jr., Emer L. Marsh, Jr., Devert Moore, Samuel L. Mullins, Robert S. Starr, William B. Stirling, and Charles B. Wiggins.

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"The Army and Navy Journal is established in the interest of no party; it will be controlled by no clique. Its independence will be absolute."—From Volume 1, Number 1, Army and Navy Journal, 29 August 1863.

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Dallas, Richard E. Holerman, 9006 Capri Drive, Dallas 18, Texas. Diamond 8-1229.

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CONCERN WAS GROWING in the Armed Forces this week that the Administration would insist on a final military budget for fiscal '60 that would be significantly below the amount recommended by the JCS and Secretary of Defense McElroy. The Army, which fears that it will lose another division, noted that both Secretary Brucker and Chief of Staff Taylor were forced to cancel their appearances before the World-Wide Infantry Conference at Ft. Benning, Ga., last week. The word was that the Army leaders deemed it advisable to remain in Washington for budget action.

MUCH LESS PUBLIC ATTENTION has been given to Air Force manpower requirements than to Army personnel needs, but the fact is that Air Force Chiefs have stated their Service requires at least 10,000 more men than the currently projected 850,000 strength for the end of this fiscal year. Secretary McElroy has remarked recently he hopes that with the increasing availability of missiles, it will be possible to reduce manpower in Air Force wings.

AS FOR THE NAVY AND MARINE CORPS, Secretary Gates has been emphasizing that any further cut in sailor strength will mean more ships laid up and reduced manning tables aboard many other vessels. It is not seen likely that the Administration will seek any new reductions in the Marine Corps below the 175,000 level in view of Congressional action authorizing 200,000 Leathernecks for this fiscal year.

ALTHOUGH BUDGET DETAILS were being kept under tighter wraps than has been the case in recent years, officers of all the Services were saying privately that cuts in force levels and manpower strengths below those proposed by Secretary McElroy seem to be in the offing.

ONE POSSIBLE PROCEDURE open to the Administration in order to avoid a rugged battle on Capitol Hill would be to temper any budget proposals for cuts with a strongly worded statement that revisions will be made if there is a change in world conditions. That is precisely what was done this fiscal year, with planned manpower cuts postponed because of Lebanon and Formosa, and now ordered into effect.

ONCE UPON A TIME the Congress took the military budget into its own hands to vote more money for defense than was allowed to be expended by then President Truman. The same phenomenon is very much a possibility for the fiscal '60 budget.

THE ARMY DOESN'T INTEND to wait another 12 years to hold its next World-Wide Infantry Conference. It was decided at Ft. Benning, Ga., last week that the next Conference should be held no later than 1963. The last Conference was in 1946.

GENERAL OFFICERS BY THE DOZEN participated in the '58 Infantry Conference, but the "exclusive" registrant was a lone second lieutenant—a Corps of Engineers officer. He was 2d Lt. James W. Owens of the Engineer Research and Development Laboratories at Ft. Belvoir, Va. No first lieutenants and only two captains were registered.

THE RESOURCEFUL ARTILLERY also won prominent notice during The Infantry Conference sessions. Prominently displayed on bulletin boards were announcements of Saint Barbara's Day festivities 4 December. Saint Barbara is the Patron Saint of the Artillery.

THE PENTAGON WON'T MOVE SPEEDILY on a recommendation from the Navy that a 1,000,000 square mile area in the Pacific be developed into a vast test area for launching and recovery of missiles and space vehicles. Such a proposal was submitted to the Advanced Research Projects Agency by RAdm. Jack P. Monroe, Commander Naval Air Missile Test Center, Point Mugu, Calif., and also Commander, Pacific Missile Range. Aside from the cost of the project, there are complicated diplomatic negotiations which must be conducted before any firm plans could be developed.

THE HIGH COST OF MODERN WEAPONS is reflected in the Navy's plan to change the power plant of the nuclear submarine Seawolf from a sodium-cooled to a water-cooled reactor. The work, which will be done at the Electric Boat Division of the General Dynamics Corporation, Groton, Conn., where the Seawolf was built, will cost about \$20 million. The Seawolf, which holds the submerged record of 60 days, is not slated for return to fleet service until early 1960. Her skipper, Capt. Richard B. Laning, is being reassigned to the Office of the Chief of Naval Operations. His successor is LCdr. Charles S. Carlisle, the Executive Officer.

FINANCIAL MANAGEMENT is going to be given increased emphasis in the Marine Corps. Two new MOS's have been authorized for enlisted Marines; one is 3087, Allotment Accounting Man; the other, 3085, Stores, Plant, and Cost Accounting Man.

SERVICE FAMILIES, like other citizens, will sustain a loss in "take home" pay beginning 1 January. On that date, Social Security deductions rise from 2¼ to 2½%, with the income subject to this tax increased from \$4,200 to \$4,800. Annual Social Security tax ceiling will be \$120.

THE ARMY WILL BECOME more wrapped up in paper work than ever before if current Quartermaster Corps tests prove successful. The QM has developed paper uniforms, which would be worn by medics and mechanics, among others. It's anticipated that the paper, disposable uniforms would save money.

SAC WILL NEED MORE MONEY in the new budget for its flying operations if it continues flight operations at the present clip. Newly released statistics show that SAC flew 138,408 hours during October—more than in any previous single month. Over 60% of SAC flying time now is being made in jet aircraft.

BIGGER FOOTBALL TACKLES and taller basketball centers are in prospect for Air Force Academy teams. New regulations raise the weight limitation for cadet applicants from 226 to 230 pounds; the height ceiling goes up from 6' 4" to 6' 6". These are among a number of changes made in physical standards for entrance at Colorado Springs, designed to make more young men with outstanding academic qualifications but who have minor physical defects eligible for enrollment.

MANY SERVICE PARENTS have complained in past years that the Academies were too strict in their physical standards requirements, thereby barring from admission many career-motivated Sons of the Service who had minor physical defects, such as for example minor allergies or mild seasonal hay fever.

A MAURITIAN is being trained by the U. S. Army. He is Dr. A. Ng. Chhung Hin, a native of Mauritius, the tiny British colony 500 miles east of Madagascar. Dr. Hin is completing a year's training at the Army Medical Center in Japan. Dr. Hin is a graduate of the National University in Dublin, Ireland.

ARMY SPECIAL FORCES UNITS must be ready for any manner of assignment, from infiltrating enemy lines to killing boars and crows. The 1st Special Forces Group in the Ryukyu Islands recently was called upon to destroy 23 crop-ravaging boars and about 500 crows on Ishigaki Island, 250 miles southwest of Okinawa. In the boar and crow assault, which became an unusual training exercise, some of the Special Forces troops went into action after a parachute drop.

FORTY YEARS GOVERNMENT SERVICE ends 9 December for Mrs. Chellie R. Penny, who has been head of the Navy's Bureau of Aeronautics Technical Library for 34 years. She had served six years with the War Department. Mrs. Penny resides at 7041 Western Avenue, N.W., Washington, D. C.

THE "HOT LINE" is out insofar as the Strategic Air Command is concerned. SAC wants its new alerting net which uses direct lines connecting speakers within its command posts called "SAC Primary Alert System" and nothing else. That eliminates such references as "SAC Hot Line System," or "SAC Hot Line Launch."

FEW MILITARY MEN will be assigned to the Defense Department's new Statistical Services Center (see story page 3). Despite the fact that they will not be invited to work in the Center, military statisticians will be happy to hear of the Center's plans to eliminate present duplicating report requirements to the Defense Department.

ADMIRAL RICKOVER'S SPEECHES on problems in education now carry a copyright notice. It is stated, however, that no permission is needed for "contemporaneous press use." The copyright results from the fact that some publishers indicated a desire to use the admiral's speeches in a book form on the assumption that they are public documents. At the same time, it is understood that the admiral desires to publish them in a book himself, probably in a somewhat revised form.

AN ARMY COLONEL'S SON, 1st Lt. Fitz M. Woodrow, jr., USNA '54, has been named Aide to Maj. Gen. Robert B. Luckey, USMC, who commands the Parris Island, S. C., Marine Corps Depot. Lieutenant Woodrow's parents are Colonel and Mrs. Woodrow, 4409 Q Street, N.W., Washington, D. C.

IMPROVED MEALS ARE IN PROSPECT for Air Force crews on long flights. The Air Materiel Command's Food Services Division under Col. Herbert C. Chambers is moving forward with plans to expand the use of new in-flight "luncheons" that are partially pre-cooked and wrapped in foil packs. By next Spring, about 50 bases will be preparing the new rations, which come in a variety of 50 dinner and 10 breakfast menus. Components of the meals are partially cooked and then are packed separately in individual aluminum containers. No cook or kitchen is needed to prepare hot meals in flight.

THE ARMY'S REDSTONE ARSENAL at Huntsville, Ala., believes in precision. A recently concluded United Givers Fund Campaign at the missile center saw collectors receive 99.1% of all pledges. This year's drive at Redstone almost doubled last year's contributions.

Army Orders

From page 7—

INFANTRY—

Colonel

McDannel, Carlyle F. Portland, Ore. to Hq 4th Inf Div, Ft Lewis.
Edson, Hallett D, Wash, DC, to USA Elm Ha US EUCOM, Paris, France.
Tolson, John J, Ft Rucker, to ODCSOPS USA, Wash, DC.
Moncrief, James S, jr. Morgantown, WVa, to Stu Det Co C USALS, Presidio of Monterey, Calif.
Stewart, Matthew C, Wash, DC, to USA Elm MAAG, Pakistan, Rawalpindi, for dy as Chief.

Lt Colonel

Robertson, Emanuel M, Omaha, Nebr, to Korea Det USA Best and Visual Actv, Pacific, Okinawa, Ryukyu Is.
Byther, Paul F, Ft Bragg, to USA Elm US Taiwan Def Comd, MAAG, Taipei.

To Korea

Meuleners, Ruben H, Indianapolis.
Burnett, John W, Ft Monroe.

Major

Enoch, Leslie B, Ft Benning, to USA Elm JUSMAG, Thailand, Bangkok.
Beach, John B, Ft McClellan, to Hq USATC Inf, Ft Jackson.

To 2d Inf Brig, Ft Devens

Anderson, Allen R, Ft Lewis.
From Ft Benning:
Freakley, Edwin M Duke, Richard

To USARAL

Kahn, Frank D, Ft Hood.
Kane, George W, Ft Riley.
Kay, Robert L, Ft Sam Houston.
Stuhrman, Jerry, Governors Is, NY.
Jenkins, Joseph W, Ft McPherson.
Rollison, Howard E, Wash, DC.

Captain

Allis, John D, Ft Campbell, to USA Elm SP Actv Gp, Wash, DC.
Tate, Clyde J, Ft Benning, to Korea.
Hewgley, Clarence T, Ft Benning, to Germany.
Fleming, Charles C, Ft Benning, to USARAL.

1st Lieutenant

To Korea

Torres, Merido, Ft Carson.
From Ft Benning:
Austin, Kenneth S Michels, Daniel L
Lynch, Homer M Alston, Lonnie N
Maxwell, Robt R Luck, Leland P

2d Lieutenant

To 3d Brig, RFA Tng, Ft Ord

From Ft Benning:
Shanahan, Edw J, jr Stapleton, Michael J

To Korea

From Ft Benning:
Flaher, Hugh M Stables, Fredk M
Hall, James R, jr Stoy, Thos A
Jack, James B, jr Thigpen, Joseph W
Johnsen, Fredk W Williams, John D, jr
Pound, Bruce W Lohr, James R

ARMOR—

Major

Miller, Kurtz J, jr, Ft Knox, to USA Elm MAAG Vietnam, Saigon.

2d Lieutenant

To 3d Med Tk Bn, 32d Armor, Ft Stewart

From Ft Knox:
Lane, Frank A Jones, Chas W
Lennon, John C, jr

To 2d Arm'd Div, Ft Hood

From Ft Knox:
Adam, Donald A Smith, Richard A
Jones, Felix D Walton, Warren J
Poston, Wm M

Honor Col. Moore,

Arty. School Founder

Col. Dan T. Moore, founder and first commandant of the Army Artillery and Missile School, Ft Sill, Okla., will be remembered 15 December with the unveiling of a bronze plaque on the headstone of his grave in the National Cemetery, Ft. Sam Houston, Tex.

The plaque will be dedicated by the officers and men of Ft. Sill.

Principal speaker at the dedication will be Maj. Gen. Ralph McT. Pennell, USA-Ret., president of the Ft. Sill National Bank.

The son and two daughters of Colonel Moore will attend the dedication. They are Lt. Col. Dan T. Moore, jr., USAR, Cleveland, Ohio; Mrs. Evan Kemp, also of Cleveland, and Mrs. Drew Pearson, Washington, D. C. Drew Pearson, syndicated newspaper columnist, will accompany his wife.

Maj. Gen. Thomas E. de Shazo, Commanding General of the Artillery and Missile Center, will attend. Music for the occasion will be furnished by the Fourth Army Band. Presiding at the dedication will be Col. William J. Gallagher, Secretary of the Artillery and Missile School. Mrs. Pearson and Mrs. Kemp will unveil the plaque.

To USATC Engr, Ft Leonard Wood

From Ft Knox:

Athas, Gus J	Norman, John N
Attwater, Paul R, 2d	Sambol, Donald G
Carbone, Anthony J	Sechtman, Paul L
Manosky, Richard D	Valmont, Benj F
McGrath, Wm B	

To 5th Med Tk Bn, 40th Armor, Cp Irwin

From Ft Knox:

Caillan, Robt M	Nucci, Donald A
Flanagan, John J	Thomasen, Paul S
Matthews, John P	

ARTILLERY—

Colonel

Gile, David A, Norfolk, Va, to Hq 6th Rgn Air Def Comd, Ft Baker.
Gloriod, John A, Ft Hood, to OUSARMA Am Emb, Karachi, Pakistan.

Lt Colonel

Carpenter, Delbert O, Bedford, Mass, to France.
Wilkins, Frank M, Ft Sill, to Hq XII USA Corps, Atlanta, Ga.
Ball, Raymond C, Monterey, to OUSARMA, American Embassy, Athens, Greece.
Evans, John T, Wash, DC, to US Mil Mis w/Imperial Iranian Gendarmerie, Teheran, Iran.
Brady, Stuart F, Wash, DC, to Det of Students Co C USA Lang Sch, Monterey, Calif.
York, Dantes A, Army Cml Cen, to ODCSOPS USA, Wash, DC.
Buttery, Edwin B, Ft Bliss, to Hq CONARC, Ft Monroe, w/sta Martin Co, Orlando, Fla.
Caulder, Bruce B, Colorado Springs, Colo, to USA Elm MAAG Vietnam, Saigon.

Major

Snyder, John J (MI), Heidelberg, Germany, to Off Stu Co USAINTC, Ft Holabird.
Knowlton, Douglas, Kingston, NY, to USARCARIE (Panama).

Miller, Wallace C, Ft Devens, to Germany.

To USA Elm US Taiwan Def Comd—MAAG, Taipei

Katsiaficas, Nicholas G, Ft Totten.
Simonides, Howard A, Ft Bliss.

To France

McDonald, Craig W, Sault Ste Marie, Mich.
Walston, Cecil D, Loring AFB, Me.
Brady, James E, Ft Bragg.

Captain

Gougeon, Edward P, Augusta, Ga, to 4th Msl Bn 55th Arty, Thule, Greenland.
Glenn, Loren L, Arsenal, Ala, to France.
D'Angelo, Vincent, Ft Sam Houston, to USA-SETAF.
Kirk, Henry C, Ft Sam Houston, to Hq US CONARC, Ft Monroe.
Richling, Robert E, Ft Polk, to USATC FA, Ft Chaffee.
Brantley, Ed, jr, Ft Meade, to USA Elm USMTMSA, Riyadh, Saudi Arabia.

To Germany

Cramer, David D, Ft Campbell.
Chapman, Thomas L, Ft Lewis.
Coleman, Alfred I, Ft Lewis.
Feller, Robert A, Ft Sill.
Jenson, Vernon C, Ft Lewis.
Peters, Henry H, Ft Riley.
Wells, James E, Ft Sill.
Holbrook, Robert E, Ft Ord.
Shelby, James A, Ft Bragg.
Sullivan, John F, Ft Riley.
Waters, Otto J, Ft Lawton.

To USARAL

Toomey, Cornelius P, Ft Sill.
Robbins, Homer O, Ft Rucker.
Ebel, Henry N, Boston.

1st Lieutenant

Thurman, Wendell L, Ft Rucker, to USA Cml Cen and Cml C Mat Comd, Army Cml Cen, Md.

To Staff and Faculty USARADSCH, Ft Bliss

Winn, Malcolm H, Pasadena, Calif.
Darcy, John F, Eureka, Pa.
Cabell, David C, Selfridge AFB, Mich.
Moulton, Rodney F, Laytonsville, Md.

To Okinawa

Johnson, Dave M, Ft Devens.
McCabe, Donald C, Ft Lewis.

To Germany

Morgan, Thomas B, Jacobsville, Md.
From Ft Bliss:
Amos, Chas W Howard, Donald R
Bailey, Robt S Pulham, Chas E

2d Lieutenant

To 24th Arty Gp, Swarthmore, Pa

From Ft Bliss:
Phillips, Richard J Dowell, Kenneth W
Phipps, Benj K Langford, John J
Quick, Geo J McMahon, Thos J
Carr, Linwood L Meidt, Gerhard O
Cencl, Peter A Mulvey, Robt A

Army Navy Air Force Journal 15
13 Dec. 1958 (Vol. 96, P. 447)

DEPARTMENT OF DEFENSE

The Hon. Dwight D. Eisenhower, Commander in Chief of the Armed Forces
Military Liaison Officer—Brig. Gen. Andrew J. Goodpaster, USA

Military Aide—Col. Robert L. Schulz, USA
Naval Aide—Capt. Evan P. Aurand, USN
Air Force Aide—Col. Wm. G. Draper, USAF
Secretary of Defense—Neil H. McElroy
Deputy Secretary of Defense—Donald A. Quarles

ASSISTANT SECRETARIES OF DEFENSE

W. J. McNeil (Comptroller)

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John Nichol Irwin, II (Designate) (International Security)

Edward P. McGuire (Supply & Logistics) (Research and Engineering)

Floyd S. Bryant (Properties & Installations)

Dr. Frank B. Berry (Health & Medical)

Murray Snyder (Public Affairs)

General Counsel—Robert Dechert

Chairman of the Joint Chiefs of Staff—General Nathan F. Twining, USAF

To 3d Arty Gp, Norfolk

From Ft Bliss:

Fears, Jimmie S	Old, Arthur D
Fields, James C	Raymond, Lawrence
Livingston, Grady G	

CORPS OF ENGINEERS—

Maj Gen E C Htschner, C of E

Colonel

Pickard, Oliver J, Norfolk, Va, to OCOF-ENGRS USA, Wash, DC.

Lt Colonel

Rubenstein, Seymour, San Francisco, to France.
Quaid, Thomas D, Ft Hood, to USA Engr Div, Southwestern, Tulsa, Okla.

Major

Burns, Robert J, jr, Ft Huachuca, to USA Elm US Taiwan Def Comd-MAAG, Taipei.

Captain

Cox, Wilbur L, Ft Benning, to USA Engr Cen, Ft Belvoir.
Cartmill, Richards S, Kansas City, to USA Elm MAAG, Vietnam, Saigon.

—Continued on page 17

Army Views Caribou, Its Largest Plane; First Deliveries Set For February

The Army's newest and largest aircraft, the de Havilland Caribou, was demonstrated for Army officials 9-10 December at Ft. Myer, Va.

Army Relief Society Funds

An Army Relief Society announcement states:

"We the Army Relief Society, make no appeal for money. Our associate, the Army Emergency Relief, gives us one tenth of the proceeds of a joint campaign which they conduct annually throughout the Army. In addition to our share of the AER-ARS Campaign we use the income from investments, and may accept unsolicited gifts and legacies. Such contributions may be Memorials. They may be unrestricted; or, if large enough to justify the additional book-keeping required by restrictions, they may be given for specific purposes; scholarships for example."

Capable of carrying 28 passengers or 6,000 pounds of cargo 500 miles, the Caribou is far the highest capacity transport airplane authorized for the Army since the establishment of the Air Force in 1947.

It can land at 60 knots, cruise at 160 knots, and take off and land over 50 foot obstacles on unimproved strips in a distance of 800 feet.

First five Caribou will be delivered to the Army in February. Seven additional aircraft are planned for delivery in 1960.

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Army Names Almost One Thousand For Permanent Major Rank

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925 Curry, Harold E	804 Fridl, Arthur W	8 Horne, P L, Jr	594 Lewis, Robt W	315 Mendenhall, F E	415 Peralta, Roberto	604 Rowley, H L	284 Thounvenelle, G J
820 Curtis, Chas H	436 Furman, H W C	60 Horne, Edwin H	780 Liewer, Karl R	186 Mergler, V T	10 Perry, E M, Jr	359 Rudolph, L F, Jr	839 Tierno, R T, Jr
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922 Dailey, B C, Jr	327 Gagne, Jas V, Jr	433 Huber, Robt E	467 Lindahl, Wm C	383 Middleton, T H, Jr	211 Peterson, P A	91 Rutherford, B	777 Tolar, Robert A
541 Dale, John H, sr	551 Gandy, Wm F	547 Huebner, Otto W	633 Linden, John H	565 Mikhalevsky, A S	472 Petkoff, Leonard	187 Sadove, Aaron S	586 Tooles, John H
216 Dallinga, Hyrum	582 Ganschow, A K	926 Hughes, H J, Jr	43 Lindstrand, N L, Jr	514 Millar, Donald B	336 Peyton, Tom L, Jr	107 Sager, Perry A	371 Tootle, V M
930 Dallman, Jas H	587 Garn, Phil R	483 Hughes, Jos D	134 Livingston, D M	93 Miller, Donald E	218 Pickell, George W	929 St. Ogne, R J	455 Topplin, Joseph D
156 Dalton, Elvin	162 Garrett, O G	236 Hughes, R W F	568 Lockhart, A E	540 Miller, E A, Jr	23 Pickens, Robt G	475 Salsbury, H J	11 Torbett, Oscar C
66 Dalton, Joseph R	946 Gatsis, Andrew J	776 Humphreys, L A	593 Lockhart, W L	522 Miller, Hubert G	882 Pickett, E d'A	734 Salter, S E	224 Torrence, B J
370 Dansby, Cecil G	881 Geer, John C	610 Hunt, Ira A, Jr	110 Lofland, W O, Jr	787 Miller, R O	354 Pierce, John T, 3d	221 Sanders, F J	235 Towson, W J
754 Daoust, Geo A, Jr	640 Gellini, Walter C	884 Hutcheson, H E	666 Lohm, Houghton	215 Mills, Edgar F	463 Pierce, J R, Jr	261 Sandsmark, A I	612 Trefz, W C
102 Darden, Harry L	485 Giaccio, Albert P	533 Hutson, Lowell R	572 Londner, Bernard	575 Monaghan, J T	660 Pinkey, V W	857 Sargent, C C	480 Tross, Ralph G
79 Daub, David L	73 Giamario, Theo	127 Illston, Wm G	912 Longino, T D, 2d	700 Monroe, P W	279 Pinkstone, H L J	748 Saxby, E S	759 Truby, John O
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45 De Sanctis, Jno N	495 Goldes, Joseph A	89 Jenkins, Paul W	203 MacFarland, J C	682 Munson, James A	722 Powers, P W	14 Shadle, C M	751 Velie, Earl R
201 Deery, Hugh A	558 Golston, L L	510 Jensen, Alvin C	590 MacFarlane, Jack	133 Munt, Francis R	756 Pratt, R U	875 Shafer, Wade H	749 Vinson, W H, Jr
903 Del Vecchio, M J	435 Goodlow, E R	934 Jett, Richard O	686 MacIntyre, H A	907 Murphy, John S	928 Prescott, D C	639 Shaw, Harry J	564 Von, T W W
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716 Driscoll, C R	153 Guild, Donald E	702 Kelly, H E, Jr	293 Martin, Stephen G	255 Nicholson, T M	401 Reed, Warren E	399 Smith, Erskine	506 Weaver, Robert K
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222 Dul, Peter A	698 Hadzima, Jos G	219 Kiernan, Jas A	396 Mayhall, John O	537 Noll, John V, Jr	503 Reynolds, C A, Jr	344 Smith, James C	413 Weyant, W W
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52 Ewing, Jas W	194 Harris, Leon M	834 Landis, Lincoln	446 McKenna, J O	271 Owings, James B	108 Rogers, Dixon C	570 Startt, James W	705 Wittwer, W K
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812 Farley, Roy W	665 Hartline, R S	896 Laprad, Q C	106 McLaughlin, G R	200 Parmley, Gee W	596 Rood, Gordon D	500 Stephens, N M	24 Wolfinger, C E, Jr
379 Farmer, Robt D	486 Hartman, D B	459 Latimer, H D	795 McMurdo, S K	772 Parr, Robert J	890 Root, James T	826 Stetekuh, R E	479 Wondolowski, P S
959 Fay, John E	278 Hastings, Wm P	601 Lavite, A J, Jr	632 McMurray, W H	21 Partridge, Alan L	785 Root, W H, Jr	957 Stewart, H F	578 Wood, Burl A
617 Fehrs, John W	292 Hawke, W W	288 Lawless, R E J				873 Stewart, Keith M	937 Wood, W C, Jr
397 Felder, Louis F	598 Hawley, H D					615 Stewart, W G	746 Woolley, J L
836 Ferguson, E S	781 Hayden, Jas L					538 Still, Edgar E	248 Worthington, F
763 Ferguson, J M, Jr	723 Hayes, Robt E					745 Stiles, William H	714 Worthington, F
68 Ferrell, Odell P	345 Hearing, V J					457 Stogner, Hulen D	623 Wright, Amos L
157 Field, David D	70 Heckman, Bill A					316 Strock, Robert D	417 Yonker, F W
250 Flerke, Alfred H	740 Hellbrunner, E G					340 Strough, W B	906 Yerks, A J, Jr
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768 Fitzpatrick, T E, Jr	755 Herbert, Jas A					97 Tarnell, B A	876 Zook, William E
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258 Fleming, Wm, Jr	680 Hesse, Richard J						
513 Fletcher, Earl W	37 Hesser, Wm F						
919 Fletcher, J W, Jr	618 Heyman, Jas J						
743 Flint, G W	443 Hicks, Orman E						
3 Floyd, Max R	243 Higgins, Robt F						
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342 Forker, Wm L	738 Hoge, Geo F						
739 Forssell, G T, Jr	678 Holcomb, Jas F						
119 Forsyth, Geo E							

Army Orders New Procedure

To Assure Families Are Informed

Rush delivery of overseas information has been decreed by the Army for newly reassigned personnel.

Confronted with the slow delivery or loss of mail from certain overseas commands to their newly assigned personnel stateside, the Army has ordered that general information on their new assignment should be sent by air mail, with a covering letter to request "expeditious handling."

When such mail is received by state-side commanders, the Army says, it "will be forwarded immediately by the most expeditious means to the personnel con-

cerned at his current military address or a leave address" maintained by the installation commander.

Failure to receive background information on their new assignment, the Army notes in Circular 55-20, has caused personnel to "arrive in the overseas command unaware of restrictions which would have affected decisions made on what furniture to store, what furniture to take, what clothes to bring, etc. It is considered important that the individual gets this information before he has to make these decisions in order that disappointments and complaints may be avoided."

CHAPLAIN

1 Benner, H N	3 Hyatt, G W
7 Bertrand, A F	9 Knier, A M

Army Orders

From page 15—

Parker, Arnold G. Ft Bragg, to 54th Engr Bn, Ft Knox.
Carson, Thomas B. Phoenix, Ariz, to 19th Engr Bn, Ft Meade.
English, Jesse D. Jr. Wash, DC, to 86th Engr Bn, Cp Wolters, Tex.
Raybould, Louis C. Ft Bragg, to USATC Engr, Ft Leonard Wood.

1st Lieutenant

Pipkins, Troy D. Ft Benning, to USARAL.
McClelland, Thomas M. Bethlehem, Pa, to Shurpe Gen Depot USA, Lathrop, Calif.

2d Lieutenant

Thompson, Timothy C. Ft Rucker, to 416th Sig Avn Co, Ft Huachuca.
Wagner, Wayne F. Ft Belvoir, to USAR-CARIB (Panama).

From Ft Belvoir, Va, to Station Indicated
Burns, Robt S. 864th Engr Bn, Cp Wolters, Tex.
Lovelady, Harold A. 86th Engr Bn, Cp Wolters, Tex.
Parsling, Thomas A. 931st Engr Gp, Ft Polk.
Stanford, Michael H. 4th Inf Div, Ft Lewis.
Kinney, Stevens P. USATC Engr, Ft Leonard Wood.
Casey, Joseph L. Jr. France.

SIGNAL CORPS—

Lt Gen James D O'Connell, C Sig O

Lt Colonel

Davis, Dan R. Wash, DC, to Off Stu Co (stu) USAAVNS, Ft Rucker.
Amos, Everett M. Redstone Arsenal, Ala, to USA Elct Pr Gr, Ft Huachuca, Ariz.

Major

Gibrdy, Robert L. Wash, DC, to Off Stu Co (stu) USAAVNS, Ft Rucker.
Caswell, Ralph A. Ft Myer, to USA Elm US Taiwan Def Comd, Taipei.

Captain

Steinbeck, Theodore C. Jr. Ft Leonard Wood, to USA Sig Gar, Ft Monmouth.
Borehm, Robert K. Cheltenham, England, to Hq US ASA, Arlington Hall Sta, w/sta Ft Meade.
Wessman, Philip H. Ft Campbell, to USA Elm Hq AFCE, Fontainebleau, France.
Frost, Jack T. Ft Dix, to Hq USA Sig Gar, Ft Monmouth.
Conner, Harold A. Ft Huachuca, to Korea.
Alford, Clifton, Jr. New York, to USA ADGRU Tenn, Nashville, w/sta Jackson, Tenn.

To USA Elm US Taiwan, Def Comd, Taipei, Taiwan

Johnson, Paul M. Ft Lewis.
Vallochi, Anthony J. Ft Monmouth.

To USA ADGRU, Korea, Yongsan

Beckett, Gerald E. Ft Carson.
Hickey, Edward B. Ft Lewis.
Keough, Jack L. Ft Lewis.

1st Lieutenant

Evans, James L. Ft Rucker, to USA Elct Pr Gr, Ft Huachuca.
Loessberg, Robert E. Ft Carson, to USA Elm US Taiwan Def Comd, Taipei.
Runnels, Joseph A. (AS) Cp Wolters, to Hq 508th US ASA Gp, Yongsan, Korea.
Moade, James M. Ft Huachuca, Ariz, to USA Fld Det M ACS, Wash, DC, w/sta Mountain View, Calif.
Leone, Peter A. Ft Monmouth, to Germany.

33 Retire From Army

The Army has retired 33 officers and three senior sergeants under Title 10, U. S. Code, Section 1331. They are:

Colonel

Bird, Whittier S. Farris, Donald M*
Cetichell, Ralph A* Gudmundson, W A*
Kittrell, Thomas S** Parker, Sherrow G*
Walker, William H* Webster, C G. Jr**
Unversaw, W H**

Lt. Colonel

Avera, Bertie L* Beyersdorfer, F A*
Cady, Harrison L* Cox, Henry B. Jr*
Edwards, W M* Feldmiller, W H*
Hill, Louis A* Kelly, Howard E*

Major

Cate, Hugh C* Elder, Miles M*
Feaster, Burnes L* Fox, Royal G*
Kenworthy, Ray W* Larios, Ernest E*
Lewis, William H** Mershon, F H*
Rizner, Andrew* Ryan, Don C*

Captain

Spencer Burford A. Watson, Herbert L*

1st Lieutenant

Kennedy, Willis H*

2d Lieutenant

Feather, John W**

Master Sergeant

Gordon, Robert C**

Sergeant First Class

Akai, Joseph** Zalusky, Anthony A**
USAR
NGUS

To Korea

Todd, Carman D. Ft Gordon.
Forbes, Donald G. Ft Lewis.
Canmuse, Oscar. Ft Meade.

2d Lieutenant

Flynn, Phillip F (AS) Ft Benning, to Hq US ASA Alaska, Ft Richardson.
Beckworth, Hancel A. Jr. AS, Ft Benning, to Hq US ASA Pacific, Helemano, TH.
Campbell, Richard E. Ft Rucker, to Tobyhanna Sig Depot, Tobyhanna, Pa.
Hefford, Robert A. Ft Rucker, to 69th Sig Bn, Ft Meade.
O'Brien, Francis E. Ft Hood, to USA Sig AD Engr Agcy, Ft Meade.
Chambers, James A (AS), Ft Benning, to Hq US ASA Europe, Frankfurt, Germany.
Wineman, Paul R. Ft Monmouth, to 69th Sig Bn, Ft Meade.
Consalvo, Frank A. Ft Monmouth, to Hq and Hq Co USA Elm Fld Comd, AFSWP, Sandler Base, N Mex.
Eggers, Robert E. Ft Monmouth, to Hq and Hq Co USA Gar, Fld Comd AFSWP, Kilteen Base, Tex.

To USA Elct Pr Gr, Ft Huachuca

From Ft Monmouth:
Dempsey, Neil C. McKeithan, S. Jr
MacKeen, John W. Spears, Tom C

To Hq 508th US ASA Gp, Yongsan, Korea
From Ft Benning:
Bellew, R W, Jr. AS. Davis, Edw W, AS

ADJUTANT GENERAL'S CORPS—

Maj Gen Robert V Lee, TAG

Lt Colonel

Franz, Robert W. Ft Benjamin Harrison, to Germany.

Captain

Cantwell, Robert C. Ft Knox, to USA Courier Trf Sta, San Francisco.

To TAG Personnel Research Gp, USA,
Wash, DC

Bachaud, Jean D. Chicago.
Mason, John H. Ft Lee.

Promotion Status

The Army has released the following list which shows the junior officer in each promotion category as of the beginning of this month:

ARMY

Col.—Constantine Vardas, 030236, Arty.
Lt. Col.—Osborn Cooper, 044135, Inf.
Maj.—Walter A. Hooks, 080877, SigC.
Capt.—Jefferson K. Rogers, 075082, Inf.
1st Lt.—George E. Murphy, 078103, Arty.
2d Lt.—David Bowen, Jr., 063862, OrdC.

CHAPLAINS

Col.—David E. Kinsler, 041759.
Lt. Col.—Urban J. Wurm, 030971.
Maj.—Herman N. Benner, 076789.
Capt.—Robert T. Anderson, 078033.
1st Lt.—James L. Claiborne, 084140.

WOMAN'S ARMY CORPS

Lt. Col.—Martha M. Bonner, L97.
Maj.—Ruth A. King, L534.
Capt.—Selma F. Heinke, L558.
1st Lt.—Patricia R. Husband, L549.
2d Lt.—Anne M. Hess, L524.

MEDICAL CORPS

Col.—Adam J. Rapalski, 041760.
Lt. Col.—Italo W. Daniele, 068337.
Maj.—Marshall E. McCabe, 071555.
Capt.—John W. Allen, 073086.
1st Lt.—Paul M. Kroening, 082345.

DENTAL CORPS

Col.—Charles K. Reger, 020962.
Lt. Col.—Herbert B. LaMotte, 043150.
Maj.—Millard E. DeYoung, 057418.
Capt.—Russell S. Norris, 073231.
1st Lt.—Wallace M. Rensen, 082358.

VETERINARY CORPS

Col.—Roy A. Resseque, 020306.
Lt. Col.—Conley G. Isenberg, 040104.
Maj.—Elmer B. Pede, 056206.
Capt.—Roger W. Baker, 073018.

MEDICAL SERVICE CORPS

Col.—Rex P. Clayton, 029296.
Lt. Col.—Joseph N. Stabile, 043218.
Maj.—Joseph V. Brady, 035563.
Capt.—Stephen Henley, 073098.
1st Lt.—Raymond A. Jackson, 073240.
2d Lt.—John D. Hayes, 083918.

NURSE CORPS

Col.—Ruby G. Bradley, N87.
Lt. Col.—Ann M. Witeczak, N610.
Maj.—Dorothy J. Eck, N2502.
Capt.—Florence A. Grillo, N2768.
1st Lt.—Edna L. Capper, N2778.
2d Lt.—Betty L. Forbes, N2826.

MEDICAL SPECIALIST CORPS

Lt. Col.—Alene V. News, R10068.
Maj.—Mildred J. Anderson, M10026.
Capt.—Viola M. Lentz, R10166.
1st Lt.—Marilyn C. Olson, R10169.

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Army Navy Air Force Journal 17
13 Dec. 1958 (Vol. 96, P. 449)

JUDGE ADVOCATE GENERAL'S CORPS—

Maj Gen George W Hickman, Jr, TJAG

Colonel

Hoult, Charles S. Ft Hood, to Hq 5th Rgn USARADCOM, Ft Sheridan.

QUARTERMASTER CORPS—

Maj Gen Andrew T McNamara, QMG

Colonel

Kell, Elmer A. Chicago, to Det No 5 Sr Adv Gen Off Comd XV USA Corps (Res) Los Angeles.
Keener, Ervin L. Chicago, to Utah Gen Dep USA, Ogden.

—Continued on next page



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Army Orders

From preceding page—

Lt Colonel

Ferrell, Robert M. Ft Lee, to 2d Inf Div, Ft Benning.
Scherer, Charles R. Ft Benning, to OQMG USA, Wash. DC.

Major

Burnes, Peter E. Ft Bragg, to USA Elm MAAG Vietnam, Saigon.

1st Lieutenant

Pare, Harold J. Philadelphia, to 3d Med Tank Bn 32d Armor, Ft Stewart.

FINANCE CORPS—

Maj Gen Paul A Mayo, C of F

Major

Wheatley, Adeline G. Jackson, Miss, to USA Ord Dist, Boston AB, Boston, Mass.

Captain

Neff, James W. Ft Benjamin Harrison, to OCOFF USA, Wash. DC.

MEDICAL SERVICES—

Maj Gen Silas B Hays, SG

Captain

Hill, Grady E, Jr. San Antonio, Tex, to USA Disp, Ft Sam Houston.

To USAH, Ft Gordon

Keller, Edward S. Ft Sam Houston.
Nakagawa, Bunzo, Wash. DC.

Medical Service Corps—

Col Bernard Aabel, Chief

Lt Colonel

Dean, James W. Monterey, Calif, to USA Mis to Peru, Lima.

Major

Wells, Floyd B. Louisville, Ky, to USA Med Supply Spt Activity, Brooklyn.

Schmahmann, Lionel H. Wash. DC, to Patterson AG, Ft Monmouth.

To Korea

Field, Gordon, Natick, Mass.

Hollenbeak, Chester D. Ft Sam Houston.

Captain

Edgar, Jackie E. Ft Devens, to 28th Fld Hosp, Ft Bragg.

Osterhaus, Leo B. Atlanta, Ga, to Stu Det AMSS BAMC, Ft Sam Houston.

Brandenburg, Howard, Ft Jay, to Tripler AH, USARPAC, Oahu, TH.

From Ft Sam Houston to Station Indicated

Doyle, Thomas M. USA ADGRU, Minnesota, Minneapolis.

Smardak, Frank R. USA Med RD Comd, Wash. DC.

Clark, Howard, USA ADGRU (NG) NJ, Trenton, w/sta Newark, NJ.

Olson, Leonard A. USASATF.

To USA ADGRU Korea, Yongsan

Leake, Harry E. Ft Wadsworth.

Mackey, Benjamin E. Brooklyn, NY.

To Korea

Beckham, James H. Ft Rucker.

Jones, Lawrence H. Ft Bragg.

Ortega, Frank A. Ft Sam Houston.

1st Lieutenant

Federman, Robert W. Ft Rucker, to Korea.

Veterinary Corps—

Brig Gen Elmer W Young, Chief

Lt Colonel

Kuhn, George A. Brooklyn, NY, to USCAR, Okinawa.

Army Medical Specialist Corps—

Col Ruth A Robinson, Chief

Lt Colonel

Ryan, Barbara M. Phoenixville, Pa, to Germany.

Major

Anderson, Mildred J. San Francisco, to USAH Ft Hood.

Ladd, Margaret P. Ft Hood, to Fitzsimons AH, Denver.

Captain

Kaiser, Dorothy M. Ft Sam Houston, to US-AH, Ft Hood.

Dwyer, Mary P. Ft Campbell, to BAMC, Ft Sam Houston.

1st Lieutenant

Gierhart, Jane E. Denver, to Womack AH, Ft Bragg.

Army Nurse Corps—

Col Inez Haynes, Chief

Major

Hoppeck, Eleanor M. Albuquerque, N Mex, to William Beaumont AH, El Paso, Tex.

Crosswell, Myrtle A. Cp Irwin, to Letterman AH, San Francisco.

Captain

Johnson, Geraldine L. Ft Benning, to Ireland AH, Ft Knox.

Cannon, Erin E. Atlanta, Ga, to d/v sta Med College of Ga Sch of Nur, Augusta, Ga.



MANUFACTURERS AT INF. CONFERENCE. William C. Rounds, (left), and James W. Brochu, (center), representatives of Radioplane, a division of Northrop Aircraft, Inc., chat with Lt. Col. F. H. Vogel, USMC, Command and Staff Department, U. S. Army Infantry School, during an informal reception for participants at the Army Infantry Conference at Ft. Benning. Northrop was one of approximately 12 aircraft manufacturers to exhibit aircraft displays at the conference.

ORDNANCE CORPS—

Maj Gen John H Hinrichs, C of Ord

Lt Colonel

Miles, Richard C. Whippany, NJ, to Germany.

Conlin, Charles A. Wash, to USA Ord Tng Comd, Aberdeen Pr Gr.

Major

Faux, James B. Philadelphia, to USA ADGRU Korea, Yongsan.

1st Lieutenant

Cawley, John H. Ft Stewart, Ga, to USA Elm US Taiwan Def Comd-MAAG, Taipei.

2d Lieutenant

Walter, Billy L. Redstone Arsenal, Ala, to 91st Ord Co, Ft Sill.

To USA Ord GM Sch, Redstone Arsenal, Ala

From Aberdeen Pr Gr:

Steakley, David L. Yoshikawa, Yukio

Vincent, Jerome S. Paquette, Norman R

Wilkinson, Coleman D

CHEMICAL CORPS—

Maj Gen Marshall Stubbs, C Cml O

Lt Colonel

Berger, Roy H. Army Cml Cen, to USA CBR Wpn Sch, Dugway Pr Gr, Utah.

1st Lieutenant

Watkins, William W, Jr. Ft McClellan, to USA CBR Wpn Sch, Dugway, Utah.

2d Lieutenant

From Ft McClellan to Station Indicated

Katos, Michael, USA Cml Cen and CmlC Materiel Comd, Army Cml Center.

Frandonig, John E. USA CW Labs, Army Cml Center.

Stowell, James K. USA CmlC Pr Gr, Dugway Pr Gr, Utah.

Plebuch, Richard K. USA CmlC Bd, Army Cml Center.

Haskins, Franklin C. France.

To 81st Cml Gp, Ft Bragg

From Ft McClellan:

Cain, Moses A. Memory, Donald W

To USA BIO Welfare Labs, Ft Detrick

From Ft McClellan:

Cole, Leslie W. McFall, James D

To Germany

From Ft McClellan:

Henderson, Elwood R. Sutherland, R B

CHAPLAINS CORPS—

Maj Gen Frank A Tobey, C of C

Major

Walsh, Emmett L. Ft Bliss, to Okinawa.

TRANSPORTATION CORPS—

Maj Gen Frank S Besson, Jr, C of T

Colonel

Patterson, William R. Ft Eustis, to USA Trans Avn Fld Ofc, Wright-Patterson AFB, O.

Sawyer, Edward W. Ft Mason, to MTMA, Wash. DC.

Lt Colonel

Hargrave, Clarence E. Brooklyn, to USA Gar, Ft Dix.

Major

Voorhis, Thomas K. Ft Monmouth, to ARM-ISH/MAAG, Teheran, Iran.

Malone, Donald J. Wash. DC, to Hq Southwestern Tfc Rgt MTMA, Dallas, Tex.

Gould, Howard J. Ft Eustis, to USARL.

Reed, Warren E. Ft Eustis, to Hq USA Trans Terminal Det (Casablanca) Nouasseur, Morocco.

Manis, Carl, Jr. Cp Leroy Johnson, to USA Elm US Taiwan Def Comd/MAAG, Taipei.

Captain

Kendrick, James H. Ft Lewis, to USA Elm JUSMAG, Thailand, Bangkok.

1st Lieutenant

Lett, James W. Ft Eustis, to Hq USA Trans Terminal Comd, Pepperell AFB, St John's Newfoundland.

Duncan, Robert M. Ft Eustis, to Germany.

Hobbs, Harry V. Ft Eustis, to Germany.

2d Lieutenant

Ford, Michael A. Ft Eustis, to USA Trans Term Comd Gulf, New Orleans.

Harris, Waller B. 86th Trans Co, Ft Campbell.

Hinds, W D. Ft Rucker, to Germany.

To 9th Trans Bn 1st Inf Div, Ft Riley

From Ft Eustis:

Gunter, Jay K. Glazener, Gene E

To 44th Trans Co, Ft Riley

From Ft Eustis:

Hamby, Marvin J. Lutjens, William R

To USA Gar, Cp Gary, San Marcos, Tex

From Ft Eustis:

La Grassa, Joseph E. Peeps, Richard D J

Love, Sam, Jr

MILITARY POLICE CORPS—

Maj Gen Haydon L Boatner, PMG

Major

Pavlick, John J. Ft Gordon, to Hq Valley Forge AH, Phoenixville, Pa.

Captain

Russell, David M. Ft Lee, to Admin Det USA Task Gp 7.2, JTF 7, Eniwetok Atoll, Marshall Is.

Schofield, Theodore H. Ft Gordon, to USA Elm US Taiwan Def Comd, MAAG, Taipei.

WOMEN'S ARMY CORPS—

Col Mary L Milligan, Director

Major

Simpson, Maribeth T. Ft McClellan, to USA Engr Cen and Ft Belvoir Educ Cen, Ft Belvoir.

Harris, Margot L. Ft Huachuca, Ariz, to USA ADGRU Korea, Yongsan.

Captain

Grimes, Mary J. Des Moines, Iowa, to US WAC Cen, Ft McClellan.

1st Lieutenant

Griffin, Norma B. New York, to USA Ord Tng Comd, Aberdeen Pr Gr.

Mastropool, Gladys M. Ft Sam Houston, to USA Engr Cen, Ft Belvoir.

CHIEF WARRANT OFFICERS—

Tobin, W-3 Walter E. Ft Rucker, to Hq US ASA Europe, Frankfurt, Germany.

Williams, W-4 Hiram W. Ft Huachuca, to USA Trans Environmental Operations Gp, Ft Eustis.

Rehbach, W-2 William E. Ft Gordon, to Second USA Spt Elm, Ft Meade.

Webster, W-2 Henry W. Ft Meade, to Hq 508th US ASA Gp, Yongsan, Korea.

Pope, W-2 Richard F. Loring AFB, Me, to USA Elm US Taiwan Def Comd, Taipei.

Sistrunk, W-3 Sidney C. Killen Base, Tex, to AAA Spt Gp, Loring AFB, Limestone, Me.

Davis, W-3 Amos G. Ft Lewis, to Korea.

To Germany

Grindrod, W-2 Harry C. Needham, Mass.

Hagadorn, W-2 Glen E. Ft Sheridan.

Laib, W-3 Richard A. Worcester, Pa.

RETIRED—

Colonel

Widmann, Homer, IG (MPC).

Gardner, James D, pd (80%) fr temp disab ret list.

Shaeffer, Joseph R, MC.

Kitchings, Boyce D, Jr, Inf.

Lt Colonel

McEldowney, Morris C, ChC.

Shearer, David A, pd (100%) previous orders amended.

Major

Lunsford, Dorothy L, WAC, pd (80%).

Retired Upon Application

Colonel

Sheehan, Daniel J, MC.

Hill, Raymond L, CE.

Stokes, Orville N, OrdC.

Lt Colonel

Hudson, John N, ChC.

Gray, Jean M, TC, as Col.

Abston, Aaron A, Arty.

Glennan, John F, Jr, SigC.

Wolfer, Frederic F, GS (QMC) as Col.

Williams, Jack, AGC.

Strickland, Robert P, Inf.

Alexander, Robert W, MPC.

Akridge, Clyde M, Inf.

Houghland, Arnold L, GS (AGC).

Major

Kern, Donald B, Inf.

Whitehurst, Margaret E, AMSC.

Kelly, George W, MSC.

Hunt, William T, QMC.

Captain

Carroll, Robert H, Inf.

Sibert, Dennis W, MPC, to Maj.

Androsko, Frank J, Inf, as Maj.

Eddy, Allen C, Armor.

Van Zandt, Gilbert F, Arty.

Chief Warrant Officer

Ralston, W-2 William A, QMC.

Evans, W-4 Golden F, AGC, as Lt Col.

Beckage, W-4 Paul, Arty, as Maj.

Craig, W-4 David M, CE, as Col.

Keenan, W-2 James B, OrdC, as W-3.

Riley, W-3 James F, AGC.

Hall, W-4 Fletcher H, MSC.

Whetsell, W-2 Jacob W, AGC, as W-4.

Conatser, W-3 Troy F, Arty.

Warrant Officer

Pyle, Donald F, OrdC.

OFFICERS TO TEMP DISAB RET LIST—

Perham, Col Wendell W, MPC (30%).

Staelens, Maj Martha M, ANC, pd (30%).

Lanier, CWO, W-2 Clark, TC (100%).

RESIGNED—

Bushard, Lt Col Burce L, MC.

Combs, 1st Lt John W, Inf.

Erminger, 1st Lt Lee E, Armor.

PROMOTED IN RA—

To Major

W/DR as indicated:

Goodlow, Edmund R, QMC, 27 Nov '58.

Singer Patents Countermeasure Foil

A patent for an infrared device that permits a searcher to operate undetected has been assigned to Haller, Raymond and Brown, Inc., State College, Pa., development arm of Singer Manufacturing Company's Military Products Division.

The system, invented by HRB President John L. McLucas, employs infrared radiation in place of radar to make the original detection and determination of the direction of the object discovered. By using the passive infrared approach to the original detection, the observer conceals his presence during the initial part of the search.

Once the object is discovered and direction determined, short radar pulses obtain the range. In this operation, enemy electronic countermeasures are given a minimum opportunity to detect the observer because of the short duration of the radar operation.

Both IR and radar images appear on the same screen in the Singer device.

Col. Howard Named To Weapons Post

Col. Ward C. Howard, Executive Officer

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W/DR 29 Nov '58:
Furman, H C, JAGC
Hospehorn, Cecil W.
QMC
W/DR 30 Nov '58:
Black, H D, Jr, Arm
Hooks, W A, SigC
To Captain
W/DR as indicated:
Aragones, Blanca A, ANC, 3 Dec '58.
Kliger, Thomas E, Inf, 2 Dec '58.
Cowan, Kenneth D, OrdC, 4 Dec '58.
W/DR 27 Nov '58:
Reish, R D, Inf
McIntyre, L A, Arty
Banze, W C, SigC
W/DR 28 Nov '58:
Adams, W A, Arm
Monoriti, E J, CE
W/DR 29 Nov '58:
Carter, R O, TC
Fuqua, H E, Inf
W/DR 30 Nov '58:
Rogers, J K, Inf
W/DR 1 Dec '58:
Shirley, E L, AGC
Moore, L B, MSC
To 1st Lieutenant
W/DR as indicated:
Purvis, John W G, Ord C, 2 Dec '58.
W/DR 27 Nov '58:
Svirsky, W R, SigC
W/DR 29 Nov '58:
Gannon, E W, AGC
W/DR 1 Dec '58:
Yawberg, H D, QMC
Bonoan, R, SigC
RA PROMOTIONS CONFIRMED—
To Lt Colonel
Smith, Everett N, Arty.
To Major
Akers, W W, TC
Erickson, A L F,
OrdC
Handley, A L, Jr,
Arm
Lawrence, T E, Inf
Jervey, J P, SigC
To Captain
Beezkiewicz, P A,
Arm
Biggs, O E, Inf
To 1st Lieutenant
Bullard, J W, MSC
Carpenter, R D, CE
Garneau, L R, TC
Leonard, R J, Arm
McNair, C H, Jr, Inf
Miller, J W, Arty
Skaff, J J, Arty
Smith, R G, Arm
Spaulding, A J, Arty
Welskirch, T N, Jr,
Arm
Allen, W C, CmlC
Andrews, W G, Jr,
SigC
Bales, D G, Arty
Bauer, P O, CmlC
Brown, E M, Arm
Brown, G A, TC
Bryant, L D, Arty
Collins, P W, OrdC
To CWO, W-4
Baril, Joseph M R, MI.
To CWO, W-3
Pemberton, Wilfred G, CE.

TEMPORARY PROMOTIONS—
To Major
MacNicol, James J, QMC.
To 1st Lieutenant
Beistle, D V, QMC
Clark, R, MSC
Pulcini, D J, Arty
Bernsen, R J, Arty
Stipe, A E, Arty
Bowman, D C, Inf
Britton, J H, Arm
Bullotta, A L, SigC
Carter, H M, Inf
Dubbeide, J B, Inf
Dunning, J E, Inf
Dyson, H B, Inf
E'der, J F, 3d, SigC
Ellis, W R, Inf
Garigan, T P, Inf
Gaspard, G P, Jr,
Arm
Voorhees, T B, Inf
Winters, D L, Arty
Hill, J L, Jr, Inf
House, J W, Arty
Iverson, G D, 5th,
Arty
MacGill, James F, Inf
Mead, W D, Inf
Miklinski, A R, Inf
Morton, R H, Inf
Murland, R C, Arty
O'Grady, G L, Jr,
Arty
Raymond, C L, Inf
Scott, J C, Inf
Stephenson, R E,
Arty
Taylor, J VanP, Arty
Tobin, K D, SigC
Woolnough, J P, Inf
APPOINTED IN RA—
Captain
Cilvert, Charles L, Ord C.
Sheaves, William B, Jr, Sig C.
HONORABLY DISCHARGED—
McNamara, Capt Homer C, Jr, Inf.
Doyle, 1st Lt John J, Jr, Arty.
FR PROBATIONARY APT TO RA
COMM—
Sheaves, Capt William B, Jr, Sig C.
BRANCH ASSIGNMENTS—
Mullin, 1st Lt William E; fr Inf to FC.
Polz, Maj Robert M; fr Inf to Ord C.
Moseley, 1st Lt Robert L; fr QMC, to Inf.
Chesnut, Capt James W, fr Inf to AGC.
Shirey, 1st Lt James C, fr Inf to CE.
Ruzdich, Capt Rudolph L; fr Inf to AGC.
McWilliams, 1st Lt Fred M, fr AGC, to Arty.
Stynes, 1st Lt Philip A; fr Armor to Cml C.
DESIGNATED ARMY AVIATORS—
Krause, WO William O. A.
Senior Army Aviators:
Ward, Capt Luther C, Jr, Inf, NG.
Cumb, Capt Raymond F, TC.
Spearman, W-2 James P, Jr.
Christensen, Capt William J, Inf, NG.
ADVANCED ON RET LIST—
To Captain
Mandler, M/Sgt F Swanson, M/Sgt S
Ritterholz, M/Sgt
B J
To 1st Lieutenant
Hobbs, M/Sgt V H Merryman, M/Sgt
Dobler, M/Sgt J L James R
Darby, M/Sgt W M Scott, M/Sgt H R
To 2d Lieutenant
Shull, M/Sgt Homer Raitch, M/Sgt T R, sr
Zuckernick, M/Sgt S Gorman, M/Sgt A W
Foster, M/Sgt E T Marshall, M/Sgt J A
Cox, M/Sgt W A
To Chief Warrant Officer
Dietz, M/Sgt Walter E, to W-4.
Jones, M/Sgt William, to W-2.
To Private First Class
Carbonel, Pvt Candido

Infantry Held Secure, But Needs Are Many

From page 3—

nuclear battlefield in future war and recommended radios of the helmet type for the individual soldier. It recommended security devices which would permit habitual voice transmission. In view of the wide frontages that would be controlled by units in future war, conferees recommended that dead spaces between units be controlled by various surveillance devices. They also recommended that science look for even more effective means—principles other than radar.

"SELL GROUND SOLDIER"

Ft. BENNING, GA.

A strong appeal for a more effective job in "selling the ground soldier" was made to the Infantry Conference by General Bruce C. Clarke, Continental Army Commander.

He called upon the Conference participants to do everything possible to get the story of the ground soldier across to the public, thereby seemingly indicating a vitalized "grass roots" public information program.

General Clarke made it a point also to emphasize that "there is no room in the Army for any bickering between branches and components." He called for full support of a "One Army Concept."

Considering firepower conferees went on record concerning the necessity of making nuclear weapons available to units at lower echelons.

Other recommendations involved:

The establishment of procedures whereby training of skilled technicians proceeds concurrently with the development of new equipment so that the marrying up of the soldier and his equipment occurs simultaneously. A corollary to this is the development of doctrine and the publication of training literature likewise to be developed simultaneously with development of new equipment.

Modification of safety requirements where these serve to obscure realism in training.

Recognized the value of Ranger training in developing superb soldiers and recommended its extension throughout the Army training system.

Recommended increased emphasis on the preeminence of the squad leader as the smallest unit commander.

Recommended the concentration of supply functions under centralized control in a Support Group; functionalized maintenance, reliance on preplanned supply packets capable of being delivered by all means including a missile type projectile.

In all of its deliberations, the conference emphasized smaller, lighter units with greater firepower and capable of independent action.

13 Dec. 1958 (Vol. 96, P. 451)

Army Navy Air Force Journal 19

BGen Walker Heads Army Publicity Center

Command of the Recruiting Publicity Center at Ft. Jay, N. Y., has been assigned to Brig. Gen. Roy N. Walker.

He is the first general officer to head the center in its 40 years of existence as a national agency under The Adjutant

General's Office. The Center's mission supports both Army and Air Force recruiters in the field with posters, brochures, and radio-TV materials.

General Walker formerly was Adjutant General of the Eighth Army, in Korea.

SCHOOL AND CAMP DIRECTORY

The Schools and Camps listed below are effectively equipped to care for the educational and recreational needs of the children of members of the services and this Directory is recognized as an authentic and reliable aid to service parents in solving the problem of child education. For details as to the Schools listed in this Directory address them directly or communicate with the Army Navy Air Force Journal Dept. of Education, 1710 Conn. Ave., N. W., Washington 9, D. C.

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MARION INSTITUTE

117th year. Fully accredited four-year Preparatory School and Junior College in the heart of the Deep South. Special preparation for Army, Navy and Air Force Academies. Fully Military with Senior ROTC unit. Sports. Mild climate. Small classes. For view book write:

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Box 1, Marion, Alabama



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- Expert Supervision
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"The Service-Academy Prep"

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8 miles from Atlanta—Winter and summer school. ROTC—Highest government rating. Accredited. Prepare for all colleges and the national academies. Separate Junior School, first thru seventh grades, limited to 100 boarding cadets. Post-graduate course. All major sports. Required attendance at gym classes. Cadets live in small groups with teachers. Moderate rates. Write Col. W. F. Brewster, College Park, Ga.

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CORNWALL-ON-HUDSON, N. Y.

Personalized preparation for all Service Academies and College entrance requirements. Enrollment limited to 45. Success after entrance assured by Advance Course. Summer Course for competitive exams. Catalog. LT. GERALD J. SULLIVAN, Ret., Principal
H. VINCENT VAN SLYKE, Executive

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ROBERT M. WEEKS, Dir. of Admissions
MANLIUS SCHOOL, MANLIUS, N. Y.

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VALLEY Forge MILITARY ACADEMY

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One of America's Most Distinguished Military Academies. Small classes. High School and Junior College courses. Fully accredited. Arty., Cav., Infantry, Band, Senior Division ROTC. Catalog. BOX V, WAYNE, PA.

SOUTH CAROLINA

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Develops manly men through cultivation of physical, mental, spiritual qualities. Small classes. Pre-Aviation course. Boys from 20 states. All sports. Cadet Band. Non-sectarian. Also sub-freshman dept. 8th-12th grades. Rates \$960.00 including basic uniforms. Catalog on request.

Col. Jas R. Risher, Headmaster, Bamberg, S. C.

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A College Prep School On a College Campus
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A distinguished military school for the young man seriously concerned with adequate preparation for college. Accredited since 1897. Grades 9-12. Highest ROTC rating. Summer School. Catalog. Colonel E. P. Childs, Jr., Supt., Box J, Waynesboro, Virginia

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★ STAUNTON MILITARY ACADEMY ★

In Beautiful Shenandoah Valley. Thorough college preparation; fully accredited. Individual guidance. Band. All sports. 2 gyms. Pool. Fine health record. Fire-proof buildings. Separate Junior School. Illus. Catalog write Supt. B.M.A. Box W, Staunton, Va. BASIC COURSE ROTC BY U.S. ARMY INSTRUCTORS.



THESE SCHOOLS

Invite requests for catalogue and information. In writing kindly mention The Journal.

USAF Orders

From page 10—

Gosline, Earl S, Eglin AFB, to 6000th Spt Wg, PacAF, APO 925, SF.
Dutkowsky, John, Hill AFB, to 6146th AF Advisory Gp, APO 76, SF.
Fitzpatrick, Velva C, Harlingen AFB, to APO 286, NY.
Young, William F, APO 23, NY, to 809th Supp Sq, SAC, MacDill AFB.
Elder, Damon C, Birmingham, Ala, to 7th Log Spt Sq, AMC, Robins AFB.
Dostal, George C, Dover AFB, to Hq Air Pr Gr Cn, ARDC, Eglin AFB.
Dumitru, Trevor I, Brookley AFB, to 28th Log Spt Sq, AMC, Hill AFB.
Fr Wash, DC to Sta Indicated
Griffith, George L, 331st Ftr-Intcp Sq, ADC, Webb AFB.
Shimer, William H, Jr, dy sta AF Installs Rep Ofc, No Ati Reg, NYC.
Hodgkins, Barbara M, USAFH, Wiesbaden, USAFE, APO 633, NY.
Fr Walker AFB, to Sta Indicated
Brown, Allan L, 17th Avn Dep Sq, SAC, Mountain Home AFB.
Brumfield, Calvin E, 874th Acft Contr & Wrng Sq, ADC, APO 286, NY.
Duell, Frederick V, 14th Avn Dep Sq, SAC, APO 942, Seattle.

1ST LIEUTENANT

Gourley, Warren N, Eglin AFB, to Wright Air Dev Cn, ARDC, Wright-Patterson AFB.
Mueller, Darwin H, Brookley AFB, to dy sta Det 1, APO 63, SF.
Carson, Jean L, Harlingen AFB, to Jas Connally AFB.
Stolarik, Cyril M, (ChC), Tinker AFB, to 6214th AB Gp, PacAF, APO 140, SF.
Thompson, Robert B, MacDill AFB, to 96th Air Flg Sq, SAC, Altus AFB.

2D LIEUTENANT

Baum, Richard G, McChord AFB, to Hq 1607th Air Trans Gp, MATS, Dover AFB.
Laymon, Denis B, Walker AFB, to 10th Trans Wg, SAC, APO 123, NY.

CHIEF WARRANT OFFICER

Lono, W-2 Antonio E, Andersen AFB, Guam, to 4238th AB Gp, SAC, Barksdale AFB.

FORMER ORDERS REVOKED—

Callan, Lt Col John P, prev ors re his removal fr Temp Disab Ret List, & disch, revo.
Rode, Maj Eddie, prev ors re his rsg fr Wash, DC, to 865th Strat Msl Sq (Intermed-Ballistic Msl-Jupiter), SAC, Huntsville, Ala, revo.
Wratten, Capt William H, prev ors re his placement on Temp Disab Ret List, revo.

RETIRED—

Colonel

Wade, (LtCol) Ralph H, as Col.
Chalkier, (LtCol) Everett M, as Col.
Erickson, (LtCol) Allen L, as LtCol & adv to Col.

Lt Colonel

Howell, Edwin S, McLendon, John C, Strimling, Raymond, as Col.
Bandlow, Richard O, Crabtree, Martin P, Johnson, Eld W, Cheatham, George M, Merrill, William B, Jr

Captain

Mallory, Guy H, Mason, G C, as Maj
Jackson, Stuart L, Myers, Donald J
Schirra, Regis A, Vowles, Don R

Chief Warrant Officer

Westfall, W-3 Gordon C.
Wilson, W-4 (W-2) Ralph H, as W-4.
Otto, W-3 Marvin H.
Langston, W-2 (W-1) Willie E.
McCaffery, W-3 Edward J.
Burham, W-2 Henry A.
Sickler, W-2 Brice.
Thornton, W-3 Arthur L.
Garvey, W-2 Harry J.

OFFICERS TO TEMP DISAB RET LIST—

Hayes, Maj Walter E, as Lt Col.
Aarvig, Capt Robert R.
Todd, Capt Roy L.
Wratten, Capt William H, as Maj.
Rees, Capt John T.
Sulter, 1st Lt Clarence D.
OFFICERS FR TEMP DISAB RET LIST—
Schutt, Capt James, & disch.
Schallern, 1st Lt Riner B, Jr, & ret.

OFFICERS RETURNED TO RET STATUS—

McIlhenny, Lt Col Howard B.

RESIGNED—

Flaherty, Lt Col (Maj) Robert A.
Baker, Maj Nell H.
Jay, Maj (Capt) Jack B.
McCanless, Capt James T.
Henry, 1st Lt David L.

PERMANENT PROMOTIONS—

To Lt Colonel

Helmantoler, Willis L, Meroney, Virgil K
Adams, Peter P, Childress, Hubert M
Chatfield, Stanley E, Schwellenbach, T W

Reichardt, Leslie L
Opper, Clifford R
Adamson, Norman F
Williamson, S S, Jr

Hoover, John R
Newby, Richard E
Hofmann, Thomas C

WW/DR 22 Nov 58

Ramsaur, Robert T, Albritton, Jesse T
Paukert, Robert S, Rife, Raymond S
Williams, David M, Middlekauff, D C

W/DR 26 Nov 58

Schuster, Robert C, Smith, William E
Slater, Herschel H, w/DR 28 Nov 58.

W/DR 1 Dec 58

Wentz, Paul N, Taylor, Edward H
Giblin, Richard T, Brenner, G P, Jr
Personett, Thomas A, Donovan, Joseph N
Harker, Chester V, Fildrock, Alfred V
Herway, Loren W, Ferriss, Lester R, Jr
King, Benjamin H, Hilton, James B
Harris, Shelby J, Fenlon, James W
Mitchell, John T, Jr, Willey, Clifford A
Baugh, Howard L, Broadus, Donald A
Emmert, B H, Jr, Miller, Charles L
Bland, Edward C, Fricks, Robert O
Haydon, Edward R, Jones, William T

W/DR 2 Dec 58

Wormington, Jack E, Dwyer, Harry R

Adams, Alan F
Allard, Charles A
Ault, Richard L
Brauer, Lloyd W
Burke, William
Couch, John P
Coward, W S, Jr
Crowley, William F
Culpepper, Claude A
Eairley, John J
Elder, Robert A
Flanagan, James L

Haesler, John D W
Havey, James H
Henschke, John M
Holmes, Robert W
Jones, Osce V
McBride, William P
Michie, Robert E L
Rohrich, Joseph, Jr
Walker, Leland A, Jr
Whitfield, F A
Wimberly, Charles L

To Lt Colonel

Blake, Lynn T, Jr
Foster, James W
Kremer, Emil A
Lumley, Jack T
Behrens, Elton A
Buskey, Paul G
McAdams, William B
McCracken, Delmar I
Lynn, Roland R
Shinners, John W
Strait, William V, Jr
Youngkin, Leland A
Morganti, Clyde J
Neal, John R

Arnold, Carl
Arnold, Richard T
Barker, Darold K
Begg, Charles F H
Belfield, Douglas F
Bennett, Robert L
Bergman, Harold O
Black, William M
Blais, Lawrence F
Bowers, Donald M
Bradford, Carl W
Burdick, James R
Burke, Mark J
Burns, Harmon E

Gen. White Of Marines Sales Manager; LCdr. Jennings Keeps Busy With GM

Brig. Gen. Thomas B. White, USMC-Ret., USNA '23, has been advanced from Special Projects Engineer to Military Sales Manager of Potter & Brumfield, Inc., Princeton, Ind. A Marine pilot, he resides in Mt. Carmel, Ind.

LCdr. Howard L. ("Jim") Jennings, USN-Ret., USNA '22, has been named Sales Representative for AC Spark Plug Division of General Motors in Washington, D. C. He resides with his wife, Gloria, at 1628 Ripon Place, Alexandria, Va. A naval aviator, he made the first catapult flight from the USS Arizona in 1924. He retired in 1940.

Col. C. Robert Bard, USA-Ret., USMA '31, has joined the Washington, D. C. law firm of Emery & Wood. Colonel Bard, formerly Deputy Chairman of

the Contract Appeals Board in the Pentagon was retired on 30 November. He received his law degree from the University of Virginia Law School.

Maj. George Stevens, USA-Ret., former Post Claims Officer at Ft. Holabird, Md., will become a claimsmen for Nationwide Insurance Company at Staten Island, N. Y.

Admiral Joseph J. Clark, USN-Ret., a Director of Alaska Airlines, has been named Provisional President of the new Alaska State Council of the Navy League of the U.S.

CWO Everett Rupert, USA-Ret., former 18th Army Band Leader, Ft. Devens, Mass., will become Band Master at New York Military Academy, Cornwall-On-Hudson, N.Y.

To Major

W/DR 21 Nov 58

Luke, William H, Norris, James R

W/DR 22 Nov 58

Hurley, James C, Stephens, John E

Sheluo, R M, (NC)

W/DR 23 Nov 58

Agersinger, James B, Galloway, Robert C

Christopher, R S, Lyons, Richard E

W/DR 24 Nov 58

Higgins, Leo A, Moseley, Elwyn A, Jr

W/DR 25 Nov 58

Harrell, Jesse R, Jr, Matthews, Charles L

Holcomb, Thomas H, Hearn, Joseph E

Wallace, John N, Jr, Biggs, David H

Montel, John P

W/DR 26 Nov 58

Thumser, Louis F, Jr, Knight, James A, Jr

Glass, Donald R

Ford, Milton R, w/DR 27 Nov 58.

Weiss, Earl, (MSC), w/DR 28 Nov 58.

W/DR 30 Nov 58

Aldrich, Thomas A, Polezoes, Stanley

W/DR 1 Dec 58

Poyner, James L, O'Donnell, Regina C

Muhl, Floyd D

W/DR 2 Dec 58

Robinson, Thomas M, Scott, George S

Hilton, Garland B, Jr

Byrum, Gerald B, w/DR 3 Dec 58.

To Captain

Astrella, Ralph J, w/DR 21 Nov 58.

Steingasser, Joseph N, w/DR 26 Nov 58.

Soapes, Thomas D, w/DR 28 Nov 58.

Moody, Eugene E, w/DR 1 Dec 58.

To 1st Lieutenant

Shaw, David H, w/DR 21 Nov 58.

Geer, Richard L, w/DR 23 Nov 58.

Krueger, James H, w/DR 21 Nov 58.

Beckman, Rodney B, w/DR 25 Nov 58.

Tourangeau, Clifton E, w/DR 26 Nov 58.

Rosenlof, Kenneth D, w/DR 27 Nov 58.

W/DR 28 Nov 58

Aukerman, Donald T, Hall, George F

Pistick, William F, O'Toole, Patrick J

Sloth, Sven E, Nunley, Bobby J

TEMPORARY PROMOTIONS—

To Major

McKenney, L E, Fallon, Patrick M

Baler, Marion M, Yancey, Wallace D

Dils, James K, Maugans, William R

McNevin, James H

To 1st Lieutenant

Reich, Herman E, Van Orden, Edwin C

REGAF PROMOTIONS CONFIRMED—

To Colonel

Patterson, R A, (MC), Gullbert, Edward A

Peterson, Chesley G
Silva, John J
Wiseman, Lee V
Kolstad, Robert F
Kurz, Albert A
Ledford, Otto C
Lucas, Anthony D
Madeley, Arthur C, Jr
Mann, Herbert R
Marler, Maurice E
Marschner, B W
Matindale, Ward W
Maupin, Jere W
Meyer, Robert J
McConnell, Charles H
McGuire, Lawrence F
Milburn, Walter B, Jr
Morales, Carl H
Morgan, Roy

Mulligan, Robert A
Patton, James D
Reber, Marlen E
Reid, Robert J, Jr
Reppert, Leonard B
Rex, Edward M
Roberts, Donald W
Roberts, Sam A
Robinson, John S
Ryan, Lloyd M
Shelton, Lee M
Simmons, Henry C
Small, Richard D, Jr
Snipes, James C
Starke, Eugene C
Steele, Samuel A, Jr
Stephens, Allen W
Stiles, Lowell A
Tara, Hollis B
Taylor, Robert H
Todd, Robert F
Toland, Butler B, Jr
Trzyna, C J
Vaughn, J M P
Walters, Therwin S
Webber, Paul E
Weigel, A H
Horr, F M, (MSC)

Jahr, Rhoda U, (NC)
Allen, Clayton F
Ansell, Norris J
Arbogast, Thomas J
Ariano, Richard A

Savage, Gene T
Schroeder, Howard R
Sebring, Stanley R
Simon, Bernard R
Slentz, George L
Smith, Joseph W
Stephens, Bert D
Storey, Henry J
Talbot, Philip B
Tench, William C
Walker, Harold E
Walker, Stewart B
Weaver, W H, Jr

Butler, Earl H
Butler, Herbert I
Callaway, Leonard C
Campbell, C M, Jr
Carlton, Paul K
Carter, James R
Carvalho, Henry P
Ceuleurs, George F
Chairsell, William S
Clement, Edwin G
Clementson, G C
Click, B A L, Jr
Cline, Harold F
Coen, Oscar H
Crossey, James L
Crumley, James P
Crutcher, R L, Jr
Davis, Henry P, Jr
Downing, Harry L, Jr
Draper, F A, Jr
Drees, Fred W, Jr
Eisenbrown, W T
Evans, Robert R
Ferran, Charles G
Fischer, Henry A, Jr
Fisher, Carl B
Fisher, Franklin L
Flint, Raymond L
Forward, Ronald B
Gates, Robert W
Gebhart, Harold J
Giller, Edward B
Gipson, Charles H
Green, Herschel H
Gregory, John L, Jr
Grow, Clyde L
Guyton, John A
Hackleman, John L
Hancock, James H
Hardaway, Ben F, Jr
Hastings, Vernon L
Heck, Joseph D, Jr
Hegseth, Orville D
Heisler, William F
Henderson, Walton B
Herring, John H, Jr
Hobaugh, John H
Howes, Francis B, Jr
Hyde, F W, Jr
Iverson, Leroy C
Jones, Dorrie E
Keller, Robert W

To Major
Webb, Arthur P
Jones, R F, (MC)
Hannon, H J, (DC)
Davis, Opal G, (NC)
McDonald, M E, (NC)
Hardin, Clarence C
Van Vleet, Gerald E
Winkelblech, D R
Adams, R H, (MC)
Rudolph, R L, (MC)
Ryan, R L, (DC)
Campbell, John F, Jr
Gastrel, Francis J

Keeney, John G
Abbott, Charles W
Anderson, Julian P
Arlington, M T
Bare, Harold F
Barker, Dorsey G
Brady, James W
Brownfield, Paul W
Buckley, Louis B
Buls, Milton R
Burrell, Gordon E
Capps, Paul W
Chmura, Edward
Clarke, John S, Jr
Collins, Fred A, Jr
Dankof, Karl E
Dunlap, Carl K
Dunn, Melvin E
Dwyer, John J, Jr
Eckert, Raymond H
Eichner, Leonard
Elser, John L
Fisher, James R
Fletcher, Edward C
Fox, Roland G
Gordon, Ray C, Jr
Grace, Harold W, Jr
Graham, Carroll R
Guldera, Albert L
Hale, Francis J
Hammack, Charles R
Haynes, Clarence G
Hight, James R
Houghten, Richard A
Hubbard, George M
Hughes, Emmett W
Ketcherside, R P

To Lt Colonel
Arnold, Carl
Arnold, Richard T
Barker, Darold K
Begg, Charles F H
Belfield, Douglas F
Bennett, Robert L
Bergman, Harold O
Black, William M
Blais, Lawrence F
Bowers, Donald M
Bradford, Carl W
Burdick, James R
Burke, Mark J
Burns, Harmon E

To Captain
Johnston, S F, Jr
Klinek, John M
Kuchta, Joseph D A
Lacy, Thomas E
Larsen, Larry J
Lewis, G S, Jr
Main, Eugene L
Marker, Michael M
McGee, Patrick L
McMullian, A E, Jr
Farrish, Davis P
Provance, William J
Renz, Robert E
Samotis, John A
Watts, W G, Jr
Williams, Gene F
Woldt, Robert C
Christensen, Don L, (MC)
Harkness, T T, (MC)
Markham, C W, (MC)
Wolff, R C, (MC)
Zirbel, C C, Jr, (MC)
Farmer, J N, (MSC)
Freud, S L, (MSC)
Gibble, T B, (MSC)
Gray, P B, (MSC)
Krakauer, H A, (MSC)
Parker, G H, (MSC)

To 1st Lieutenant
Devens, Allyn M
Dickson, Paul W, Jr
Doherty, Charles J
Elliott, Joseph
Evans, Harold R
Farmer, Grover C
Fernandez, Manuel L
Fetterer, George G
Fields, Samuel H
Fisher, James L
Fittin, Croyley J
Fitts, Richard E
Foxe, George E, Jr
Fullam, Wayne E
George, Konrad
Gerdon, Gerald A
Hamley, Gordon B
Harmon, John F
Hart, Richard L
Haskins, Gale L
Helting, Arnold W
Henrie, Gordon C
Hildreth, Richard L
Hofmann, F L
James, Charles L, Jr
Jameson, Harold L
Jarrett, James P
Johnson, E V, Jr
Johnston, Richard L
King, Robert J
Kovach, Vincent J
Leiby, Richard G
Leonard, Dan W
Macomber, E M
Maratos, Stanley G
Masoner, Thayer E
McIlvaine, Francis J
Murf, John D
Mussman, Arthur C
O'Donnell, F B, Jr
Offen, Curt R
Ostrominski, John
Parker, Norman M
Rawlinson, Nell C
Roth, William E
Rodes, Charles W
Russell, Jerry W
Ruth, John C
Serex, Henry M
Smith, Dale H
StJean, Frederick J
Strickland, T R
Tardif, Charles H
Taylor, Billie J

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MEGAF APPOINTMENTS—

As Lt Colonel

Worcester, William J

As Major

Adams, Eugene F
Alkonis, Stanley J
Baker, Harold S
Banias, Bill B
Barbieri, Michael J
Batticklow, Fred M
Benson, Cameron B
Bergendahl, Harley C
Berkley, John W
Berry, Vernon H
Bethe, Kenneth E
Bethea, William E
Bayer, George J, Jr
Boarman, W O, Jr
Bonham, Arthur
Finlon, Robert L
Fisher, Charles D, Jr
Fritsch, James E
Frost, Edwin C
Gassaway, Millard H
Glassburner, T M
Green, Frank R
Gregory, Milton F
Grinnell, George G, Jr
Guthrie, Donald B
Hagle, Carl M
Held, Fred J, 3d
Herberg, John A
Herbert, Dilver B
Hill, William A F
Holmes, Weldon F
Horschman, R L
Howell, John C
James, Ben E
Menaker, W M, Jr
Miles, Alfred W
Miller, John R
Miller, Robert L
Mills, Thomas A
Moffatt, Leo J
Montague, Hal R
Moore, Grover P, Jr
Morgan, Joseph H
Morrison, R H, Jr
Murphy, Joseph L
Musick, Bill C
Neundorf, Charles A
Nichols, Horace C, Jr
Pedersen, Harry P
Peterson, Roy
Philpen, Charles D
Ray, Arthur G, Jr
Reiley, Orville K
Averill, Joseph P
Blanchard, Jack D
Browne, Roy W
Cazares, Gabriel
Chandler, Allan B
Collins, Wallace A, Jr
Daffron, T A
Doherty, Clayton M
Duckworth, Milton H
Duncan, Robert J
Eberhard, H E
Ford, William L
Forkner, Bob L
Fulter, Ralph B
Hawke, Francis E
Hess, Neal A
Holmes, Lester E
Horton, Driskill B
Jannot, Gaylord B
Jones, William R
Knapp, Frank A
Krum, Edward L
Lindsey, Virgil B
Lipton, Robert D
Malay, Dale C
McCollum, Vance W
Miller, Gayle C
Mitchell, Jesse W, Jr
Mouthrop, L H, Jr
Newsome, Harry C
Wright, Earl W
Wysocki, Stephen
Zakowski, George A
Bourassa, Henry L
Bouras, George J
Bowlin, Sidney J
Bowman, Gordon Y
Boyd, Willis G
Broyles, Roy L, Jr
Bumpas, Eugene F
Butera, Alfonso H
Butler, Raymond E
Campbell, John L
Caputo, John A
Casey, Robert W, sr
Chalfant, John S
Cleary, Gerald O
Coleman, Francis J
Cottingham, Paul F
Council, Robert R
Craven, Paul R
Crocket, Donald F
Daneewood, L D
Davis, Lance R
Deaton, Clarence J
Diehl, Kenneth C
Eds, Edwin M
Elder, Clarence P
Dolan, Hugh J
Reiter, Edmond H
Kallher, William B
McClung, Elbert L
Richman, Samuel R
Robinson, W H

As Captain

Ellett, Darwin E
Engel, Gardner W
Evans, Marvin F
Felski, Daniel J
Fenlon, Peter C
Jameson, Dorence C
Johnson, Erland G
Johnston, Ruby E
Knable, Gerald E
Kirby, Robert E
Kleinwechter, F F, Jr
Kolbe, John E
Koles, Robert L
Kornelich, Peter
Kowalski, Andrew
Krug, Valentine W
Kyle, James A
Lane, Stanford B
Larsen, Howard W
Lepski, Walter P
Lesonik, Leo
Lester, Harry N
Lester, Raymond N
Linden, Robert M
Link, Charles H
Lowther, Dale R
Marsio, James W
Masset, Joseph J
McCooe, C T
McFadden, Robert W
McGee, Charles E
McGugan, Charlie T
Rhodes, Charles W
Richardson, Jack P
Riemondy, A A
Romanchek, Cyril A
Schmidt, Karl F
Scribner, Orville E
Seay, Earl
Seigle, William H
Sheehan, Frank A
Smith, Alwyn V
Smith, Earl L, Jr
Smith, James C
Smith, Lewis R
Smith, Norris R
Smith, Paul K
Smith, Robert W
Speer, Marvin L
Staten, William H
Stearns, Seymour
Steinkamp, C W, Jr
Stoebber, Leslie R
Stovall, Collins C
Strauch, Leland G
Street, James C
Stubbs, Lee E
Sullivan, C E, Jr
Sullivan, Woodfin M
Taylor, Robert R
Tebbs, Merlin E
Thom, George J
Trimble, K H, 3d
Trost, Victor J
Tuttle, Donald W
Vincent, Arnold W
Wacht, Thomas A
Weaver, Allen T, Jr
Wewer, Gene B
Wille, Thomas
Williams, Eugene S
Wilson, Henry T, Jr
Wilson, Merle E
Winslow, Douglas E
Yarborough, B H
Yarborough, W W
Ybarra, Cecil R
Young, Woodrow W
Zunker, Leroy O
Parker, David A
Parsons, Marion P
Pierce, William B, Jr
Reece, Horace S
Rice, Lewis C, Jr
Richter, Joseph F
Robinson, William, Jr
Robson, Gerald H, Jr
Roemer, Carl R
Ryan, James R
Sarto, Joseph M
Saulter, Robert W
Schultz, Frederick W
Schwendler, H J
Shanks, John W, Jr
Shea, Harold J
Shipley, Benjamin A
Smorag, Stanley A
Sorenson, Richard H
Stark, Robert F
Sterling, Scott, Jr
Sundberg, Robert V
Tweten, Wayne B
Verrochi, Lawrence R
Vickrey, Mac
Walker, Brent F
Walls, J C
Whiting, Roman J
Wilber, Kenneth E
Willard, Frank H
Williams, Evan L
Williams, John B, Jr
Willie, Harlan D
Stout, James M
Stuckey, Daryle R
Alken, Warren R
Akerberg, Robert C
Alexander, James H
Allison, Robert M

Amidon, Richard C
Anderson, Charles T
Anderson, P B, Jr
Anderson, Daniel, Jr
Andonian, Harry
Andrews, Melvin H
Andrews, Robert J
Anenson, L N
Angelo, Walter L, Jr
Arentson, Robert M
Armen, Leslie H
Arnold, George P
Asher, Clifford L
Baird, Jack R, Jr
Balides, Theodore
Barker, James L
Barnard, Hage N
Barnard, Ralph P
Barnett, David F, Jr
Boyd, George M
Boyd, Lawrence A
Boyd, William B
Braun, Leo M
Breding, Robert H
Brewer, James L
Briarton, Henry R
Brice, Kenneth B
Bricka, Hays
Brigham, Gordon D
Brion, Leonard L
Brown, Carl H
Brown, Edward E
Brown, Edward G, Jr
Brown, Francis O
Brown, Merle B
Brown, Walter A, Jr
Brunelle, Albert F
Bryant, James A
Bulger, Arthur R
Bullard, Thomas L
Bullock, William G
Bullock, Frederick E
Bundy, H L
Burgnon, E L
Burkett, Homer H
Burnett, Maurice G
Burry, Frank J, Jr
Burton, Edward C
Coleman, William R
Collip, Robert C
Collins, Harry F
Conn, Richard D
Connors, Ralph W
Cooper, Bob E
Cooper, William E
Cornett, Edgar L
Cotton, Ben W, Jr
Coombs, Thomas J
Covington, W R
Cox, Joseph O
Cragg, William J
Cranford, Gordon E
Cronin, Timothy J
Crook, Jack A
Cross, Cecil J
Crook, Eugene M
Crown, John L
Cruse, J N
Crutchlow, R F
Cummins, Charles O
Currie, John W
Dakan, Spencer G
Dale, James A
Dana, Richard E
Daniels, Charles L, Jr
Darilek, Allen H
Davis, Austin O
Davis, Milton C
Duke, Frank W
Dusenberry, F C
Easley, Richard K
Eccles, Clifton W
Echabarne, Paul
Edmisten, S E, Jr
Edmonds, Carter M
Edwards, William N
Eldridge, Malcolm W
Elliott, Louie C, Jr
Ellis, Patrick M
Elwood, John E
Engelhardt, R E
Ennis, Richard
Enyeart, R E
Erickson, LeRoy
Evans, Carl V

Evans, James R
Fellers, Russell D
Fenton, John S
Ferguson, George W
Ferraris, R E
Fields, Edward R
Fimbel, R A
Fioretti, Edward A
Fisher, James L
Fisher, Philip R
Flannery, D N
Fleckenstein, G J
Gibson, Ben S
Gibson, William A
Gibbreth, Bruce G
Glesener, C E
Godbee, H C, Jr
Goddard, Alvin E
Goeden, Ervin H
Goetz, Frank M, Jr
Gookin, L E, Jr
Gosser, Delbert L
Graves, Harold L
Graves, Orville K
Green, John P, Jr
Greene, Charles R
Griffin, Robert J
Griffin, Henry C, Jr
Grigsby, Donald R
Groesbeck, Bruce R
Guarino, L N
Grossman, Frank H
Gunn, William B
Guthrie, John L
Hall, Robert C
Hall, Robert W
Hamlin, Ralph E
Hankins, William R
Hannold, Frank C
Hanson, George F
Hanson, Quentin D
Hardin, T H, Jr
Holladay, Jean D
Holland, Ernest C, Jr
Holt, Emmett L
Holton, William J
Hoskins, James E
Howard, Douglas L
Howard, Roy W
Hudgens, Helton G
Hughes, Louis T
Huntley, Russell D
Hurlburt, D A, Jr
Hutchinson, W T
Innis, John J
Jackson, Robert D
Jacobs, Lloyd E
James, Arthur H
Janssen, William L
Jeancon, Wallace
Jeffers, U H, Jr
Jensen, Niels C
Jodoin, Edgar
Johnson, Carter W
Johnson, Cordell E
Johnson, Edward R
Johnson, Kenneth O
Johnson, Leroy H
Johnson, Lester L
Johnson, Marvin W
Jones, Roy L, Jr
Jones, Virgil L
Lent, Edward W
Leonard, R K
Lewis, Charles P, Jr
Lewis, James M
Lewis, Thomas R
Lillethun, J R
Litherland, K R
Little, Theodore D
Livingston, Harry J
Long, Billy J
Loos, Albert G
Love, William P
Lowe, Charles S
Lund, Roger N
Lutes, Robert D
Luxton, Joseph G
Lykins, James O
Mass, Robert R
MacFarlane, J F
Maffett, Thomas O
Manning, William R
Marall, Fred C
Marcum, W K
Markley, James R

13 Dec. 1958 (Vol. 96, P. 453)

Army Navy Air Force Journal 21

40 AF Chaplains Chosen For Captain; New Rank For 5 Before Christmas

THE Air Force selections to temporary captain announced this week include the names of 40 chaplains, the first five of whom will receive their new rank before Christmas. There will be three advancements in January, with February schedules calling for promotion through Number 10.

In March, the Air Force will promote chaplains through Number 17, with the remainder to be advanced in April.

The senior officer on the list has a date of rank from 17 July 1953. Numbers 2 through 10 have 1954 dates of rank. The seven junior chaplains chosen rank from 28 July 1955.

The chaplain selections in order of seniority are:

Mathis, Marion	Helde, Edwin G	10 Ledbetter, C E	30 Davis, J E, Jr
Conley, Joseph J	Bernatoni, John F	Chapman, Billy G	Vilse, Michael
Cosgrove, Thos H	Cornellier, E V	Lang, Neunert F	Wilson, Jas F, Jr
Klaric, George M	Keohane, John J	Morgan, Wm H	Demott, Jas M
Krieger, Wilfred L	McCaughan, C E	Reider, Chas W	Barstad, Stuart E
Gough, Thos J	Hrico, Bernard L	Jasinski, A J	Keeney, Chas D
O'Hara, L F	Hunt, Mansfield E	Wayne, Robt J	Sheppard, H S G
Ryan, Francis P	Markland, Arne K	Ross, Chester W	Dillard, S S, Jr
McClatchy, Jno P	Walker, Willie L	West, Johnson E	Robison, Dan R
		Riggs, Carl B	Baskett, John C
		20 Carr, Richard	40 Parker, A R, Jr

Markley, Clyde, Jr	Ragan, Harry W	Swift, John J	Chiba, Milan A
Marks, Murray	Rambo, G G	Sykes, William W	Christensen, Nevin G
Maronde, L F	Ramsey, William H	Tauriello, Daniel	Clark, Philip S
Marsh, Otto L	Rance, J J	Taylor, Emmett T	Clayton, Gerald H
Martin, Andrew G	Randall, Edward W	Virgin, B T	Clifton, David S
Martin, John M	Rohifs, R D	Volker, F W	Coapman, A Lincoln
Monday, William W	Rose, Maxwell A	Voyce, C J	Coley, Stephen J
Mooney, Charles M	Ross, Billy L	Wagner, Henry J	Coffield, William B
Moore, Charles D	Rossi, Daniel W	Walker, Arthur I, Jr	Colby, Guy H
Moore, Harry Z	Rowe, Calvin S	Wallace, Richard B	Cole, James R
Moose, Harvey E	Rowley, R U	Walsh, James H, Jr	Coleman, Kermit
Moore, John L, Jr	Rubin, David S	Waple, Charles G, Jr	Davis, Norman E, Jr
Moreau, Victor A	Rubner, Chester H, Jr	Ward, Ralph H	Davis, Wayne E
Morris, Frank W, Jr	Ruddell, James W	Ward, William M	Dayton, Richard F
Morris, William E	Ruddock, W O	Warner, Paul A	Dearth, Ray A
Morrison, Edwin	Rude, Donald B	Wasemiller, M D	Decker, William C
Morrow, Robert W	Ruddins, Raymond E	Watkins, George M	DeLaney, Charles E
Moss, Marvin N	Rush, Robert E	Watson, Billy G	DeLano, Willard A
Mortensen, E D	Rushton, R V	Watson, Lewis E	Dellinger, C M, Jr
Moss, George R	Ryan, John E	Watson, Robert T	Dent, William P
Mull, Glen D	Sadler, Robert A	Watt, James E	Derderian, John J
Mullaney, K C	Salmon, Donald K	Wayne, Allen T	Devine, Frank G
Muller, Clifford H, Jr	Sandstrom, Robert G	Wear, James H, Jr	Dewitt, John E
Munro, Herman E	Sandusky, W E	Weatherwax, K C	Dewland, John J
Munroe, W S	Santmyer, H E	Weaver, Lem J, Jr	Dey, Howard E
Murdoch, W A, Jr	Sargen, Charles M	Weaver, Earl G	Dibbell, Robert A
Murphy, Benjamin C	Sargent, George T	Wedan, Paul A	Dietz, Charles J
Murphy, John R	Sautter, Albert L	Wehrle, J H	Dilley, William G, Jr
Murphy, Kenton C	Schlemm, C L	Weimer, Franklin E	Dively, George E
Murphy, William J	Schroeder, Neil C	Weinstein, R M	Dixon, Christopher P
Murray, Alva V	Schumacker, R L	Weldon, A J, Jr	Dixon, Joseph P
Nelson, Eugene A	Schweickert, J G	Wellisch, L M	Doron, Chester L, Jr
Neuenschwander, K J	Schwellenbach, C B	Wells, Charles I	Doty, John C, Jr
Newton, Brewer N	Scoggin, L B	Wells, Harold G, Jr	Dowd, William H
Newton, T E, Jr	Scott, James P	Zerbe, Franklin E	Downey, William J
Phillips, Robert S	Stainkamp, W W	Zierden, Eugene H	Drake, Marvin E
Phillips, Charles S	Starling, A L	Barnes, William B	Driggers, James L
Picone, G D	Staver, Arle	Barneyback, W G	Driskill, Sanford G
Piggott, Joe K	Stephenson, C C, Jr	Bartlett, James B	Driver, Loren F
Pine, Walter W	Stevens, Michael	Bash, Darrell S	Drum, Robert H
Plotter, V V	Stevenson, Charles L	Basler, Sterling A	Dukes, James L
Plunkett, Sterling L	Steward, Maurice G	Batey, Thomas O	Dunn, Roscoe B
Plotkin, P P	Stieg, Carl L	Bavuso, Joseph K	Dunstan, Albert J
Pogreba, Dean A	Stills, James V	Beard, William E	Dupont, Robert P
Polce, John J	Stillwell, Howard A	Beasley, Carlos O	Foot, Marshall C
Poole, James I	Stitt, Richard G	Beaver, Robert R	Forester, Z T, Jr
Portt, Glen A	Stockdale, F D	Beavers, L M, Jr	Foster, D Brock
Poss, Cecil J	Stockman, Walter	Bennett, Hugh C	Fox, Bruce F
Postelnek, William	Stocks, Harold J	Bennett, Wesley E	Fox, Clarence E
Potter, William C	Stockton, David E	Bergeson, Charles M	Frale, Elmer E
Poulos, Theodore	Stoesser, R E	Berner, Lawrence E	Francis, Edward B
Powers, Harry H	Stout, Norman N	Berran, Thomas F	Franklin, Earl N
Pratt, George J	Stover, Glenn A	Billings, G M, Jr	Franson, Vernon A
Price, Edna T	Stowers, F P	Billington, Robert J	Frazer, Merle W
Price, Henry M, Jr	Strand, Sherman R	Birkhead, Herbert C	Frederick, J A, Jr
Proctor, Robert F	Strating, R E	Blenis, Ronald D	Freeman, Melvin B
Putman, Earl E	Strout, Harry L	Blodgett, Warren S	Freeman, Richard E
Pytel, S J	Sturtevant, R H	Blos, Richard G	Frey, Raymond E
Race, Francis E	Sullivan, John C	Blunt, Robert W, Jr	Friesz, Richard L
Radzinski, J J	Sullivan, Joseph M	Bobo, Robert K	Fruit, James A
	Susskind, H A	Bogan, Robert J	Fry, James H
		Bold, John E	Fry, Joe
		Bolton, Wayne F	Fuehl, Frank W
		Bombyk, Stanley	Funk, Dale R
		Booth, Jack E	Furlow, Luther C, Jr
		Bordeaux, Lyle B	Gabel, Wilfred V
		Bottom, Richard D	Gall, Herbert J
		Bouchard, E M	Gall, Joseph A
		Butler, Barry R	Gallavan, Robert H
		Butler, Eugene R	Gannon, Vincent D
		Buzbee, Jack A	Gantz, Henry L, Jr
		Byrne, Joseph H	Garrett, Charles A
		Cahall, Donald R	Garwood, David E
		Caldwell, Gordon T	Gaskins, Aubrey S
		Camerer, Paul M	Gerson, Jack
		Campbell, Billy B	Gibbs, Guy W
		Cap, George W	Harker, D C, Jr
		Capps, Lloyd L	Harned, Ralph W
		Caram, John C	Harper, Thomas W
		Carey, Woodrow T	Harre, Eugene H
		Carmell, Leonard	Harris, Louis M
		Carson, James S	Hart, Arnold P
		Carter, Paul T	Hartman, Roy E
		Casteel, Carleton N	Haven, Morris E
		Castillo, Benn'e	Hawley, Jack
		Cavanaugh, T J	Hayden, Harold T
		Chapman, Kenneth E	Hayden, Robert W
		Chappell, William R	Haynes, Glen M
		Chelf, James W	Heif, John H
		Chernis, Philip B	Hedges, David A

Navy Chooses 252 For Regulars

From page 9—

Walter, Dale J
Wellman, Harold N
Wilkinson, Thomas A

SDO [LAW]

ODonnell, J H, Jr
Root, John B, Jr

AVIATION ELECTRONICS

Barre, Albert
Camp, Lloyd D
Larkin, Donald R

NURSE

Barber, Phyllis M
Barry, Dorothy M
Bauer, Mary A
Burns, Patricia J
Callahan, Dorothy H
Chadwick, Katharine
Ferguson, Miriam M
Gedrys, Patricia C

Guccione, G M
Hanley, Eleanor T
Harcastle, Jerald N
Ludwig, Margaret M
Rugh, Shirley J
Snyder, Betty L T
Spence, Laura D
Walker, Helen J

SUPPLY

Bates, Robert L
Carmody, Barry S
Causey, B M, Jr
Chamberlin, W G
Chandler, Robert T
Clancy, John F
Fields, Simeon
Fries, Logan A
Fulks, Paul G
Giordano, Andrew A
Gumpert, Leroy C
Hassell, Robert B
Hinds, Duane E
Hopkins, Richard B

CHAPLAIN

Hilferty, Thomas J
O'Connor, Wm B
Ota, Peter I
Richards Sherman B
Thornberry, R V, Jr
Urbino, Francis J
Mangan, T J, Jr
Mueller, Karl L
Remular, Wm F
Tolliver, Jack M

CIVIL ENGINEER

Ayers, Charles D
Busche, Robert E
Collins, James R
Hathaway, David B

—Continued on page 25

SERVICE FAMILY NOTES

Family Editor
Louise B. McGiffertAssociate Family Editor
Bertie Johnson

SECRETARIES' WIVES AT WALTER REED. Guests of honor at the Walter Reed Women's Club luncheon held last week at the Walter Reed Officers' Club were Mrs. Neil McElroy (third from left), wife of the Secretary of Defense and Mrs. Wilber M. Brucker (second from left) whose husband is Secretary of the Army. Others in the picture are Mrs. Clarence P. Canby (left), president of the Women's club and Mrs. Leonard D. Heaton (second from right), wife of Walter Reed's Commanding General. Being greeted by Mrs. McElroy is Mrs. John H. Voegtly, whose husband, Colonel Voegtly, is Executive Officer of Walter Reed Hospital.

Gen. Dahlquist Leads, First Lady Advises Army Distaff Town Club Preparations

GENERAL John E. Dahlquist, USA-Ret., former Army Field Forces Commander, this week accepted the Presidency of the Army Distaff Club Foundation and the Chairmanship of its Board of Directors.

At the same time, the Club announced that Mrs. Dwight D. Eisenhower had consented with "extreme delight" to becoming Honorary President of the Distaff Club's Women's Advisory Committee.



Gen. Dahlquist

General Dahlquist, who heads the Armed Forces Department of Harris Upham & Co., members of the New York Stock Exchange, will direct the Foundation's efforts to build a town and residence club in the Nation's Capital for widows and other distaff members of Army officer families. He maintains offices at 1505 H Street N.W., Washington, D. C., and a residence at 5114 Marilyn Drive, Somerset, Md.

Announcement of General Dahlquist's new post was made 9 December by Mrs. William H. Arnold and Mrs. Gordon R. Young as the Army Wives Council, parent organization of the Distaff Club, prepared to reorganize on a world-wide basis.

Composed of representatives of Army women's clubs in and near the Washington, D. C., area, the AWC will enlarge during the coming year to become a loose confederation of Army women's activities and voluntary groups throughout the world.

Groundwork for the AWC expansion was laid by Mrs. Maxwell D. Taylor, AWC Honorary President, during the recent Army commanders' meeting in Washington. She presented the AWC program to the visiting commanders' wives, who received the plan enthusiastically.

Presentation of the Wives Council program and the Distaff Club Project was also made to the wives of active and retired Army generals in the Capital by Mrs. Gordon R. Young, Co-Chairman of the AWC Interim Executive Committee. During this meeting, the group voted a special resolution, introduced by Mrs. J. Lawton Collins, to send a formal expression of thanks to Mrs. Taylor and Mrs. Hoy D. Davis, AWC President, for their work in organizing the Council and the Distaff Club project.

According to present plans, membership and use of the Distaff Club facilities will be open to all Army officer families. However, Distaff Club officials noted, the limited residence facilities of the Club will be allocated on the basis of need to Army widows and daughters.

Ft. Meade School Contract Awarded

A contract has been awarded for construction of a new elementary school at Ft. Meade, Md.

Construction of the 22-class room building is scheduled to begin this month and completion is anticipated next October.

To be located in the center of the Capehart Housing Development, now under construction, the new school will also have a multi-purpose gymnasium-auditorium, kitchen and cafeteria, and will include paving, a parking lot and construction of sidewalks.

Construction of the new school will cost \$597,700.00 and will raise to three the number of schools located on Ft. Meade.

Distaff Dollar Report

Mrs. Hoy D. Davis, President of the Army Wives Council, reports "tremendous response" to recent Journal reports of the Council's activities.

Donations, she said, are flowing in from Army families throughout the world to help defray the initial expenses of the Army Distaff Club Foundation.

Anyone wishing to contribute to the foundation, Mrs. Davis said, should make their donations payable to the "AWC For Distaff Club," and mail them to: Army Wives Council, P. O. Box 9608, Washington 16, D. C.

Men Of USS Calvert "Year Round Santa"; Citadel Cadets Seek \$6,000 For Orphans

Tokyo, Japan—The Pacific Fleet Amphibious Force attack transport USS Calvert, under Capt. Walter L. Phaler, USN, has completed its second year as a "year-around Santa" to the children of the Aiji-no-ie Orphanage. The Calvert has collected over \$2,000 in addition to toys, clothing and other items for the 63 youngsters at the home.

Chicago, Ill.—The outstanding response of Fifth Army Headquarters to the joint 1958 appeal of the Community Fund and Red Cross has been accorded special recognition with the award of an honor plaque and individual certificates and "Oscars" to headquarters personnel. Brig. Gen. John E. Leary, Fifth Army Chief of Staff, accepted the plaque on behalf of the Army Commander, Lt. Gen. W. H. Arnold.

Kobe, Japan—San Diego-based LST Division 51 was host to local orphans during a recent visit. Hosting the children from the Kobe Jetsugho Gukuin School House of Orphans were Landing Ship Squadron Five, commanded by Cdr. Roland G. Bienville, and two of its LSTs, commanded by Lieutenant Commanders Charles M. Itte and Curtis L. Tarbell.



HONORED FOR SERVICE. Mrs. Pauline L. Varner, wife of Lt. Eldon Varner, aerology officer at Atsugi Naval Air Station, Japan, receives from RADM. William N. Nation, Commander Fleet Air, Western Pacific, a special Red Cross citation for her 500 hours of volunteer service. As Red Cross chairman of water safety at Atsugi, Mrs. Varner has taught 636 children of military families how to be safe in the water.

Colorado Springs, Colo.—USAF Air Defense Command and United Voluntary Services will join forces again this year to play Santa Claus to Air Force men guarding the continent against enemy air attack.

Each year the two organizations send thousands of boxes of candy and cookies to ADC personnel manning remote radar installations in the North American air defense system.

This year, "Operation Candy-Cookie" will be aimed at the aircraft control and warning stations in Newfoundland, Greenland and Northern Canada. The three Texas tower radar stations standing on stilts out in the Atlantic Ocean off the east coast of the U. S. also are scheduled to receive packages.

ADC will airlift about 8,000 of the two-pound boxes to the stations.

Carlisle Barracks, Pa.—The Non-Commissioned Officer's Club Auxiliary met at the NCO Club and wrapped toys for the Children's Christmas Party. The toys were purchased by Mrs. Nicholas A. Vrataric and Mrs. Marlin T. Keller.

The "kiddies" program will include games, movies, refreshments and a gift for each child from Santa Claus. Mrs. Thomas J. Sales, chairman of the entertainment committee, will be assisted by Mrs. Stanley Rails, Mrs. John M. Loucks and Mrs. Henry M. Martin.

Point Mugu, Calif.—Sailors and Marines at the Naval Missile Test Center will hold their eighth annual Christmas party for handicapped children at St. Vincent's School, Santa Barbara. A campaign to raise money for the party and to help finance other school expenses is in full swing with a goal of \$1,500.

Charleston, S. C.—The Citadel Corps of Cadets and Veteran Students have closed their annual Fund Drive to finance their annual orphans' Christmas parties and other activities throughout the year. Goal is \$6,000.

Philadelphia—The Naval Aviation Supply Depot will entertain 300 of this city's orphaned and underprivileged children at a gala Christmas party 18 December. During the past 13 years personnel of the command have contributed more than \$90,000 to these parties and played host to over 3,800 children.

Robins AFB, Ga.—"This is the first time an organization of this kind in the Warner Robins area has given gifts to the Salvation Army," Harry L. Payne, welfare secretary for the Salvation Army, said as he accepted boxes of toys, food, and clothing from Robins Air Force Base Nursery School youngsters.

Teaching the three to five-year-olds to share their possessions with others less fortunate than themselves is part of the training given Nursery School children by teachers Mrs. Pearce J. Thompson and Mrs. H. C. Crenshaw.

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1120 VERMONT AVENUE

Holiday Programs Keep Clubs Busy



GUEST AT EGLIN. Mrs. Dudley E. Sharp, (left), wife of the Assistant Secretary of the Air Force, Materiel was an honored guest at a Newcomer's Coffee given by the Eglin AFB Officers' Wives Club. Mrs. Walter J. Scott, president of the OWC, pours a cup of coffee for Mrs. Sharp as Mrs. Joe W. Kelly, wife of the Air Proving Ground Center Commander, watches.

Eglin AFB, Fla.—The regular monthly Newcomer Coffee of the Officers' Wives Club was held in the Officers' Club Lounge. Eleven Newcomers and three guests were honored.

Mrs. Walter Scott, jr., Club President, introduced a distinguished visitor to Eglin, Mrs. Dudley E. Sharp, wife of the Assistant Secretary of the Air Force for Materiel.

Mrs. Byron P. Spears, Hospitality Chairman, welcomed and introduced the following newcomers and guests: Mmes. William W. Elliot, E. E. Hoffman, Ralph H. Beattie, Roy O. Bagwell, Keith Hullinger, J. T. King, J. L. Higgins, R. L. Johnston, R. L. Jones, F. William Schaefer, J. R. Newkirk, Fern Oelke, guest of Mrs. C. O. Thornton, Anita Cavanaugh, guest of her daughter, Mrs. Hullinger, and Mrs. Sharp, guest of Mrs. Joe Kelly.

Guest prizes were awarded to Mrs. Sharp, Mrs. H. Y. Grubbs, and Mrs. Beattie.

Those pouring were Mrs. C. A. Powers, and Mrs. William J. Holland.

The Air Force Officers' Wives Club's annual Christmas tea was held at the Army-Navy Country Club 11 December. Mrs. Leland J. Stranathan and Mrs. A. T. Wilson served as co-chairmen of the committee in charge and Mrs. Robert R. Evans and Mrs. Robert L. Kleyla master-minded the decorations.

On Thursday, 16 December at 2 p.m., a Christmas party will be given for the children of all Services, who are patients in Walter Reed Army Hospital—Wards 16 and 17. Mrs. John F. Dominick is the Hospital Liaison Committee Chairman in charge.

The Army String Quartet from Ft. Myer, entertained members and guests of the Chaplains Wives' Club of Washington at their regular monthly meeting 2 December at the Walter Reed Officers' Club.

The group received many ideas for Christmas home decorating from Mrs. Max Gilmer, a fellow member. Gifts were brought by members for the annual welfare project. Hostesses for the luncheon were Mrs. James W. Miller, chairman; Mrs. Kenneth W. McCracken and Mrs. Arthur Wood.

The Officers' Wives Club of the Office of the Deputy Chief of Staff for Logistics will have a Christmas "coffee" 17 December, at 10:30 a.m., at Patton Hall, Ft. Myer, when hostesses will be the Board of Governors of the Club, headed by Mrs. Carter B. Magruder, Honorary President, and the President, Mrs. George W. Reitz. A string trio from the Army Band will furnish background music.

The Christmas season will be ushered in with holiday music by the Army Finance Officers' Wives Club at their 16 December luncheon, to be held at the Army-Navy Country Club. The music will be provided by the "Jumping Jacks," a part of the U. S. Air Force Band. Following the 12:00 noon luncheon, mem-

bers will sing carols and exchange small gifts.

Mrs. Alwyn V. Larkin is chairman for the occasion, assisted by Mesdames Latham L. Allenman, Wessels H. Day, Edward T. Johnson and Edwin D. McFarland.

Christmas decorations will be featured at the December luncheon meeting of the Women's Club of the Industrial College of the Armed Forces to be held at the Ft. McNair Officers' Club, Tuesday, 16 December, starting at 12 noon with a social hour. Husbands have been invited to join the members and the men, in turn, have planned a program of entertainment. Program chairmen are Col. Raymond C. Brisach and Cdr. Harold P. Streep.

Honor guest of the Army Ordnance Ladies Association 9 December at the Army-Navy Country Club was Mrs. Lyman L. Lemnitzer, wife of the Army Vice Chief of Staff. Receiving with her were Mesdames John H. Hinrichs, wife of the Army Chief of Ordnance and Honorary President of the Association; C. E. Rust, President; and Floyd A. Hansen, wife of the Chief of Field Service, who headed the committee of Field Service Division members sponsoring the affair.

Assisting Mrs. Hansen were Mesdames L. H. Harrison, J. M. Heiser, Carl V. Kling, R. M. Bush, John E. Harbert and John A. Rice. Mrs. Bush, as chairman of decorations, followed a Christmas theme and decked the tables with lasting holiday arrangements, which were later given as door prizes.

Luncheon was followed by a musical program of choral selections by the famous U. S. Army Chorus, under the able direction of Capt. Samuel Loboda.

Guests from out of town at the luncheon were Mesdames A. Mark Smith, 2d, Sterling Purnell and James Hamill from Aberdeen Proving Ground, Md.; J. D. Peterson, wife of the Commanding Officer of Raritan Arsenal, and former Vice President of the Association; and from Letterkenny Ordnance Depot, Mesdames William Rader, Martin Medica, Clarence A. Cozart, E. P. Murphy, Donald C. Beck, J. P. Hall and Purvin Lloyd.

Preceding the luncheon, on 5 December, Mrs. Hinrichs had entertained at a tea at her home for newly-arrived wives of Ordnance officers, with Mrs. Samuel L. Hall, hospitality chairman of the Association, assisting her.

The Association's Card Club will hold a Christmas luncheon at the Army-Navy Country Club 17 December, when hostesses will be Mrs. Foster L. Furphy and Mrs. B. J. Leon Hirshorn.

Vicenza, Italy—The Officers Wives Club recently sponsored a welcome tea in honor of Mrs. John P. Daley, wife of the new Southern European Task Force Commanding General.

Nearly 400 ladies attended, including special guests from SETAF Headquarters in Verona.

Mrs. Daley, assisted by Mrs. M. B. Coburn, wife of the Commanding Officer, 1st USA Missile Command, and Mrs. Richard Hesse, president of the Vicenza OWC, greeted the ladies.

Camp Gary, Tex.—Mrs. Ray Hill was named to the presidency of the Women's Club here when election results were revealed during a luncheon and style show in Austin.

Other new offices announced by outgoing president, Mrs. William Heck, were: Mrs. Bert Rhodes, vice president; Mrs. Arthur Lieble, secretary; Mrs. Stan Bruton, treasurer, and Mrs. Allyn Spiers, corresponding secretary. Mrs. L. F. Schockner, wife of the commander, and Mrs. L. L. Atkinson will continue to serve as honorary presidents.

Ambassador and Mme. Carlos P. Romulo, of the Philippine Embassy, were guests of honor at the 3 December luncheon, of the National War College Wives at Ft. L. J. McNair, when the Ambassador spoke on the "Far Eastern Crisis."

Other honor guests in the receiving line were Mrs. John Foster Dulles and Mrs. Christian Herter, wife of the Under Secretary of State. Receiving with them were Mesdames T. L. Harrold, Seldon Chapin, T. Sanders and E. H. Hinkle.

The luncheon, which was sponsored by the State Department wives of the National War College, had as senior hostesses, Mrs. William Ryan and Mrs. William Belton.

Ft. Hood, Tex.—Mrs. Robert M. Homiston, wife of Colonel Homiston, Fourth U. S. Army Chaplain, presided over formal ceremonies installing the new officers of the Protestant Women of the Chapel.

The wife of the Fourth Army chaplain handed the gavel to incoming president, Mrs. Elton E. Curnutt. Mrs. Edwin Booth became first vice president, and Mrs. John Means second vice president. Mrs. Jack Bennett is secretary and Mrs. H. J. Marchant treasurer.

The new committee chairmen are: Mrs. Gerald Dean, pianist; Mrs. Douglas Hylton, chorister; Mrs. Roy Kleven, foods; Mrs. J. L. Martinus, publicity; Mrs. J. L. Claiborne, social; Mrs. B. M. McLean, ways and means, and Mrs. W. B. Floyd, historian.



☆
WELCOME MRS. BOWER. Mrs. Lorraine Bower (left) wife of Dobbin AFB Commander Col. William M. Bower, greeted more than 250 women who called to welcome her during a tea held at the Officers Club recently. Mrs. Ella Tschudi, Wives Club President, stands with her as she greets Mrs. Barbara Schaffer.
☆

Service Retired Choose New Homes

Col. Jewell H. Cook, First Army Quartermaster, Governors Island, N. Y., has retired. He and Mrs. Cook plan an extended tour of Europe, after which they will make their home in Pompano Beach, Fla.

Lt. Col. Kermit I. Johnson and **CWO George E. Brassie** have retired after 30 and 29 years' service, respectively, at Tyndall AFB, Fla. Both plan to make their homes in Panama City, Fla.

Lt. Col. Travis Shipp, Commander of the Birmingham, Ala., Air Reserve Center, has retired after 30 years' service and will reside with his family in Birmingham.

Col. Thomas N. Page, MC, USA, Chief of the Medical Plans and Operations Division, Office of the Army Surgeon General, has retired after nearly 30 years' service.

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The Christmas spirit has captured the activities of both Senior and Junior Chapters of the **Junior Army Navy Guild Organization**. On Tuesday, 16 December 12:30 p.m. at Patton Hall, Ft. Myer, Va., the Senior Chapter will celebrate the holidays with a string quartet from the famous Army Band playing seasonal music during an informal buffet luncheon. Since December has been chosen as "Marine Month," the honor guests will be Mrs. Randolph McC. Pate, wife of the Commandant of the Marine Corps; and Mrs. Verne J. McCaul, wife of the Assistant Commandant of the Marine Corps.

Before 25 December the Junior "Jangos" will be busy decorating the Christmas tree given to the Soldiers, Sailors, Marines and Airmen's Club by General and Mrs. Pate.

Major Officiates As Daughter Enters AF

Maj. Emil B. Mastagni, Biggs AFB, Tex., recently officiated at ceremonies in which his daughter, Patricia Rae, became a Second Lieutenant in the Air Force Nurse Corps.

Officials of the Air Force Recruiting Office in El Paso who processed Patricia's enlistment, arranged with the Biggs Personnel Office to conduct the final ceremony on the base where her father is assigned to the 95th A&E Squadron.

Further arrangements were made to place Major Mastagni on orders as Personnel Officer for one day in order that he might conduct the "swearing in" ceremony.

The new lieutenant is a graduate of St. Johns McNamara Nursing School in Rapid City, S. Dak. She will attend an Officers' Indoctrination Course at the Air University in Montgomery, Ala., before receiving her first duty assignment.

The Mastagni family, including four other children, reside at 5105 Carswell Dr., in Aero Vista.

Temporarily he will reside with his wife, Germaine, at 2066 Woodley Road, Montgomery, Ala.

Col. Velmer W. McGinnis, USA, Chief of the Army Veterinary Food Inspection Detachment, Maywood, Calif., has retired after 23 years' service. He will reside near Portersville, Calif.

Maj. Clair L. George, USA, Chemical Supply Officer of the New Cumberland General Depot, Pa., has retired after 20 years' service. He resides with his wife, Imogene, at R. D. #1, Hanover, Pa.

Lt. Col. (AUS-Ret.) and **Mrs. Eugene E. Ramsdell** are now settled in their retirement home at 10 Park St., Milford, N. H., where their Service friends are cordially invited to visit when they are in the area.

Service Weddings and Engagements

THE Chapel of the U. S. Naval Base, Philadelphia, was the setting on Thanksgiving Day, 27 November, for the marriage of Miss Dale Hansen, daughter of Brig. Gen. (USMC) and Mrs. Harold D. Hansen of the Naval Base, and Mr. Robert Bolger Subkow, son of Mr. and Mrs. Philip Subkow of Los Angeles.



Mrs. Subkow

Chaplain (Capt.) Warren Cuthrell, USN, officiated and the bride's father gave her in marriage. Miss Jordan Mo of Los Angeles, was maid of honor for her cousin, and bridesmaids included the sister of the bridegroom, Mrs. Gerald Lascoe, Miss Janice Hurst and Mrs. Frank Powell. Little Misses Louise and Laurie Goddard were flower girls with Master Bronson Goddard as ring bearer, all grand-nieces and nephew of General and Mrs. Hansen. Mr. Subkow served as his son's best man and ushering were Mr. Harold D. Hansen, Jr., brother of the bride, Mr. Frank Powell and 1st Lt. Fred Pyeatt, USMC.

Following a motor trip through the South, Mr. Subkow and his bride will reside at 1367 Woodruff Ave., Los Angeles.

WALKER-DUNN—Brig. Gen. (USA) and Mrs. Charles Golding Dunn of Ft. Meade, Md., announce the engagement of their daughter, Dana Lee, to Midshipman Harry Craig Walker, USNA, son of Mr. and Mrs. George Wilbur Walker of Warren, Pa.



Miss Dunn

Miss Dunn studied at Mary Washington College of the University of Virginia at Fredericksburg. Her fiancé is a first classman at the U. S. Naval Academy.

A June wedding is planned.

WEISKIRCH-FITCH—Miss Carolyn Weldon Fitch, daughter of Maj. Gen. (USA) and Mrs. Alva R. Fitch of Brussels, Belgium, and 1st Lt. Thomas N. Weiskirch, Jr., ADC, son of Dr. and Mrs. Weiskirch, sr., of Kirkwood, Mo., were married at the Post Chapel, Frankfurt, Germany, 29 November by Chaplain (Lt Col) Maury Hundley in a double ring ceremony.

Miss Patricia Everst of Wiesbaden, Germany, was maid of honor and Miss Lynn Olson was bridesmaid. Maj. H. E. Owey served as best man for the bridegroom.

Mrs. Weiskirch is a graduate of Southern Methodist University, and her bridegroom was graduated from the New Mexico Military Institute. He is now serving as aide-de-camp to Maj. Gen. Thomas F. Van Natta, Commanding General of the 3d Armored Division.

FENTON-LOPEZ-CURVAL—Mme. Juliette Marie Louise Lopez-Curval of Bayeux, France, has announced the engagement of her daughter, Simone Marie, to Lt. Thomas Trail Fenton, USN, son of Mr. and Mrs. Matthew C. Fenton, Jr., of Baltimore, Md.

The bride-to-be was educated in France and England. Lieutenant Fenton who was graduated from the Gilman School and Dartmouth College *cum laude*, is currently stationed at Malmesbury, France, where he is on the SHAPE staff.

OATIS-POWELL—Col. and Mrs. G. F. Powell of Aberdeen Proving Ground, Md., announce the engagement of their daughter, Elma Jean, to Mr. George W. Oatis, Jr., of Danbury, Conn.

Miss Powell is a senior student at the University of Maryland and a member of the Kappa Alpha Theta sorority. Her fiancé, a pre-Dental student at the same University, belongs to the Sigma Alpha Epsilon fraternity.

A June wedding is planned.

BILLINGS-SHAW—Col. (USA-Ret.) and Mrs. Lawrence Edward Shaw of 767 26th Pl., So., Arlington, Va., announce the engagement of their daughter, Nancy, to Mr. Frederick Billings of Aberdeen, Wash., son of Mrs. Charles Lee Billings of Lewiston, Idaho, and the late Mr. Billings.



Miss Shaw

Miss Shaw, who is a graduate of the Holton-Arms School and the Katharine Gibbs School, New York City, attended Sarah Lawrence College. Her fiancé, a graduate of the Berkshire School and Princeton University, where he was a member of the Charter Club, saw a year's service in Korea with the 5th Regiment of the 1st Marine Division. He is now Public Relations Manager for Weyerhaeuser Timber Co., at Grays Harbor, Wash.

SHUE-WELLS—Mr. and Mrs. A. Judson Wells of Wilmington, Del., have announced the engagement of their daughter, Anne Brewster, to Lt. James W. Shue, USA, son of Mr. and Mrs. J. Harvey Shue of Wenonah, N. J.

Miss Wells is a senior student at Wellesley College. Lieutenant Shue, a graduate of Harvard University, where he was captain of last year's soccer team, was recently graduated from the Artillery & Missile School's Officers Basic Course at Ft. Sill, Okla.

A Summer wedding is planned.

BREWER-MEDECK—Mr. and Mrs. Richard Howard Medeck of Bayport, N. Y., announce the engagement of their daughter Faustine Grace, to Ens. Elisha Stewart Brewer, Jr., USN, son of Mrs. Laurence Rector and the late Mr. Brewer, sr., of Rochester, N. Y.

Miss Medeck was graduated from Oswego College this year and her fiancé the year before. He is also a graduate of the Officers Candidate School at Newport, R. I.

The wedding is planned for early Summer.



Miss Medeck

RICKETTS-YOUNG—Chaplain (Capt.) (USN) and Mrs. Merle N. Young of Newport, R. I., have announced the engagement of their daughter, Marilyn, to Lt. (jg) Myron Vernon Ricketts, USN, son of RADM. (USN) and Mrs. Claude V. Ricketts of Arlington, Va.

Miss Young, who is a graduate of Boston University and Sargent College, is a physical therapist at Massachusetts General Hospital. Her fiancé, a graduate of the U. S. Naval Academy, is now a graduate student at the Massachusetts Institute of Technology in the field of Naval Architecture and Marine Engineering.

A June wedding is planned.

HAMILTON-HOLMES—Professor and Mrs. Roger Wellington Holmes of South Hadley, Mass., have announced the engagement of their daughter, Adria, to 1st Lt. John Thomas Hamilton, USAF, son of Col. (USA-Ret.) and Mrs. James Roscoe Hamilton of Towson, Md.

Miss Holmes was graduated from Radcliffe College and qualified for the degree of Bachelor of Letters in Philosophy as a Woodrow Wilson Scholar at St. Hugh's College, Oxford. Lieutenant Hamilton, a 1955 graduate of the U. S. Military Academy, studied as a Rhodes Scholar at Balliol College, Oxford, from which he was graduated last August. He is currently assigned to the Air Technical Intelligence Center, Wright-Patterson AFB, Ohio.

A June wedding is planned.

LANG-KEHART—RADM. (USN) and Mrs. Martin W. Kehart of Arlington, Va., have announced the engagement of their daughter, Charlotte, to Mr. Dennis LeRoy Lang, son of Mr. and Mrs. H. C. Lang of Los Angeles.

Miss Kehart, who is a graduate of the Punahou Academy, Honolulu, T. H., attends the University of Southern California, Los Angeles. Her fiancé, a graduate of the same University, is Choral Director and teacher of Music History at the El Centro, Calif., High School and Junior College.

A late December wedding is planned.

TYSON-JOHNSON—Miss Geneva Ruth Johnson, daughter of Mr. and Mrs. Ray Brooks Johnson of Salem, W. Va., was married to Maj. Charles M. Tyson, at the Post Chapel, Ft. McNair, 14 November, with Chaplain (Capt.) Willis W. Wessman officiating.

Major Tyson is assigned to the Army War Plans Division of the Army General Staff.

Following a honeymoon spent in Nassau, the couple are at home at 4502 31st St., So., Arlington, Va.



Mrs. Tyson

RICHERS-MORAN—Capt. (USN-Ret.) and Mrs. J. S. Holtwick, Jr., of Kaneohe, T. H., and State College, Pa., announce the marriage of their daughter, Patricia Holtwick Moran, to Lt. Emil E. Richers, USAR, son of Mr. and Mrs. L. W. Richers of Bay City, Texas. The wedding took place at Our Lady of Victory Church, State College.

Mrs. Richers, who was graduated from the Punahou School, Honolulu, attended the University of Hawaii and the University of Maryland. Her parents resided in Chevy Chase, Md., for nine years, prior to her father's retirement last year. The bridegroom, now on inactive duty, is a senior engineer with the research and development firm of Haller, Raymond & Brown, State College, now with their branch at Arlington, Va., where the couple will make their home at the Dominion Arms.

ASHLAW-RYAN—Lt. Col. (USAR-Ret.) and Mrs. Martin S. Ryan of Richmond, Va., announce the engagement of their daughter, Jacqueline Patricia, to Capt. William H. Ashlaw, JAGC, USA, son of Mrs. Charles Ashlaw of North Lawrence, N. Y., and the late Mr. Ashlaw.

Miss Ryan, who was graduated from Texas Women's University, is a member of the Zeta Phi Eta, national honorary speech fraternity. Captain Ashlaw, a graduate of

Photo by A. Clark
Miss Ryan

the University of North Carolina and its School of Law, is presently stationed with the Military District of Washington. He is a member of the Pi Kappa Alpha and Delta Theta Phi fraternities and the Scabbard and Blade.

A February wedding is planned.

Ft. Knox Caps Gray Ladies

Ft. Knox, Ky.—The Red Cross lounge in Ireland Army Hospital was the scene of a capping ceremony for one of the largest classes of Volunteers ever to be capped here.

In the presence of husbands and friends of the candidates 30 Gray Ladies received caps, pins and certificates; 10 Staff Aides also received caps, pins and certificates and 5 Motor Service workers received pins and certificates and 4 Volunteers received First Aid certificates. In addition 16 Registered Nurses received their pins and 65 Volunteers received service stripes.

The capping ceremony was performed by Maj. Gen. John L. Ryan, Jr., CG, US Army Armor Center assisted by Mrs. Ryan, chairman of the Knox Red Cross Auxiliary of the Louisville Chapter.

Gray Ladies capped were Mesdames Patricia Busch, Roberta Camarota, Belva Chance, Martha Coffey, Marilyn Curtin, Donna Doster, Julia Gregg, Stephanie Guild, Dalores Jones, Moselee Lambert, Rita Lawlor, Jean Loewe, Eleanor Ludwig, Nathalie McAdams, Ruth Melvin, Mary Ellen Meseck, Dorothy Norman, Mary Kay Reed, Ruth Reed, Jayne Renick, Josette M. Roush, Jean Salhani, Hazel L. Semancik, Audrey Schnebli, Osa Faye Spencer, Jeanie Steele, Maria Wheeler, Frances Wilbanks, Georgia Williams, Evelyn D. Woods.

Staff Aides capped were Mesdames Ina Branum, Gertrude Bunte, Margaret Duncan, Mary Frazier, Maureen Lynch, Doris Maury, Clara Russell, Hazel Semancik, Catherine White, Margaret Zipp.

Motor Service workers were Mesdames Ina Branum, Helen Bennett, Doris Maury, Adamae Smith and Georgia Williams.

McGuire AFB, N. J.—The goal of \$10,000 for the 1958 Burlington County United Fund Drive was passed with 115 per cent of the goal collected. Collections at the drive's end totaled \$11,509.28 according to Maj. Edgar P. Farnell, president of the Permanent Fund Raising Committee.

Service Folk

Miss Mary A. Shuler, daughter of the Provost Marshal, XVIII Airborne Corps, Ft. Bragg, N. C., Lt. Col. and Mrs. Allen C. Shuler, has been named by the faculty of Douglass College of Rutgers University as a participant in the High Honors Program designed for students wishing to do more advanced work in their major subjects, which for Miss Shuler is English. She holds a general scholarship to Douglass and has been on the Dean's List for three years.

Miss Lena Mae (Pud) Kibler, daughter of Col. and Mrs. Edgar H. Kibler of Governors Island, N. Y., has been accepted at Bryn Mawr College under the "early admission" plan. Presently a senior at Holton-Arms in Washington, D. C., Miss Kibler expects to take a pre-Medical course at Bryn Mawr.

Brig. Gen. (USA-Ret.) and Mrs. Everett Busch have given up their residence in Guadalajara, Mexico, and have taken an apartment at 750 Gonzales Dr., Apt 5-H, San Francisco 27, Calif.

Capt. (USN) and Mrs. Bladen Dulany Claggett of 4426 Volta Pl., N. W., Washington, are the parents of a new baby girl, Marianne Morris Claggett, whom they adopted recently. In January, they will go to Norfolk, Va., where Captain Claggett will take command of the USS Cadmus.

Gen. Weyrauch Picks Home

Maj. Gen. Paul R. Weyrauch, USA, formerly with the Army Caribbean Command, has retired after 28 years' service and will live in Richmond Hill, Ga., with his wife, Margaret, and son, Pete.

USAF Orders

From page 21—

Hedvall, Alerd M
Heiberg, Lloyd C
Heiser, Loren E
Henderson, Jack B
Henderson, R W
Hendrix, Alfred F
Hendrix, Paul
Henke, Robert O
Hennessy, Donald G
Herrin, David C
Hewitt, Ray R
Hiatt, Dean R
Hicks, Richard A
Hight, Sterling K
Hill, Lloyd C
Hines, Donald M
Hodek, Henry W
Hoffacker, Victor A
Hoffman, Paul E
Jorgensen, Richard I
Justice, Edmund S
Kammerer, John E
Kandt, Richard C
Kane, Robert F
Kaukman, Leo J
Keeler, Hyrum G
Kersey, Lesley L
Keyes, Karl E
Killian, William F
Kimball, Wesley D
Kincheloe, W P, Jr
King, Joe R
King, Neil E
Kleber, Raymond B
Knaggs, Howard J
Knowlton, Robert D
Koltz, Roger H
Krahn, Herman J
Kress, Lester F
Kronebach, G W
Kugel, Arthur
Laidlaw, Robert C
Lamar, John F
Lamont, Joseph A
Lance, Donald C
Larson, Vern L
Latham, Raymond C
Layton, Charles B
Lee, Gareth G
Lefler, Harlan E
Lehrman, Arthur C
Martin, Leonard W
Mason, Stephen F
Massie, Herbert W
Massie, Jack K
Masters, Allen A
Mastin, Edward B, Jr
Mathieson, Thomas H
Matson, Charles A
Mattes, George J
Matthews, W L, sr
Maxwell, Philip L, sr
McAnallen, H M
McBride, Lloyd G
McCarthy, Terence K
McCluskey, John A
McCullough, W N
McDaniel, Howard H
McDonagh, John A
McFadden, Samuel E
McGarry, Leon J
McGuire, Charles S
McNeil, James E
Mead, Bobby J
Mead, John C, Jr
Meeks, William A
Merrick, Stanley J
Metts, Howard W
Metzler, Charles A
Miles, Kenneth P
Miller, George K
Miller, Loris R
Mills, Harold W
Mims, Forrest M, Jr
Newville, Van H
Nichols, Dixon E
Nicholson, B W
Nicholson, R E
Nickelson, Marvin F
Nordmeyer, R W
Norton, James A, Jr
Nosek, Henry
Nowak, Francis V
Olds, Roger H
Osak, Joseph S
Osborne, Edward G
O'Shields, Hurl E
Osterman, John B
Owens, Jack C
Palmer, Gordon F
Palmer, Lyle F
Palmer, Richard W
Palumbo, Rocco
Pangallo, Frank
Parker, James A, sr
Parker, Kirksey N
Patterson, Charles L
Patterson, Ralph O
Pearson, Carl E
Peltier, Paul J, Jr
Pennington, H E, Jr
Peoples, Lewis J
Peters, George A
Peters, John D
Plantz, Vayne L
Phillips, Daryl W
Phillips, Eugene F
Randolph, Robert C
Rea, Joseph A
Redfield, Robert W
Redmon, W K, Jr

Reed, Harley L
Reeve, William S
Reeves, Philip N
Reilly, Brendan J
Remington, Walter B
Renfro, Walter R
Renlund, John W
Reynolds, Ralph C
Rice, Robert H
Rickelman, Thomas E
Riddle, Frank J
Riebmman, Philip
Riley, Lyle E
Riley, Thomas W
Ritchie, Richard L
Ritter, William E, Jr
Robbins, Tom W
Roberts, Charles F
Roberts, Lawrence E
Roberts, Robert S, Jr
Robertson, Nubron L
Robertson, Roy G
Robinson, Fred E
Robinson, John A, Jr
Robinson, Richard E
Robison, Thomas S
Rodriguez, R A
Roehm, John F
Rogers, Evan Y
Scott, Roy M
Serowski, Richard
Sestokas, Victor G
Seward, E D, Jr
Sewill, Burvett B
Shadeck, Jack C
Sheaffer, Abram B
Shearer, William D
Shelton, Joseph L, Jr
Shires, Justin W
Shisler, Harry E
Silcher, Bruce E
Silverman, Fred
Simonson, Clifford W
Siravo, Pasco F
Skibbe, Harold W
Skipper, Roy B
Smith, Albert E
Smith, Arnold
Smith, Bernard M
Smith, Carlton M
Smith, James P
Smith, John B
Smith, John J
Smith, John P
Smith, Lloyd
Smith, Robert D
Sorensen, Gordon R
Sowers, Robert L
Spencer, Edwin C, Jr
Spencer, John O
Spencer, Parker R
Stahl, Eugene M
Taylor, John H
Taylor, Thomas E
Thacker, Lloyd G
Thacker, Elmer C
Thomas, Archie C
Thomas, Henry W
Thomas, John E
Thomas, Walter H
Thompson, Forrest G
Thompson, Webb
Thompson, Wyles L
Thornton, Jack R
Timmins, Edward A
Todd, Robert F
Toso, Henry J
Tracey, Ford P
Trout, Max D
Tucci, Leon J
Turoff, Christopher G
Tyson, Samuel W
Uhalt, Joseph H
Upchurch, James H
Upton, Troy H
Urey, Harry B, Jr
Vanderpool, John A
Van Leeuwen, H M
Van Meter, C M
Van Nest, John H
Vantrease, William T
Van Wormer, C E
Vatalaro, Ralph L
Vengelen, Ray F
Via, Ernest A
Wells, Herman D
Zebarth, Orrin G
Wenrick, Stanley T
Wentz, Willard E
Werdung, R M
Werner, Milton H
Werts, Herbert A
West, Roy L
Weston, Ralph A
Wheeler, Herbert K
White, Roy J
Wiggins, Dock E
Wilcox, George O
Wilcox, George W
Wilcox, Max A
Wilkinson, J L, Jr
Williams, Richard L
Williamson, H W
Willis, William T, Jr
Wilson, Clarence D
Wilson, Claude J
Wilson, Talmadge A
Winslow, Murray A
Wise, William H
Wolf, Kenneth G
Wolf, Paul J
Woody, Walter W

Woolbright, James G
Woolley, Jed B
Wysocki, William M
Yates, Warren E

As 1st Lieutenant

Llera, Louis
Kuhlhoff, E A
Lee, Richard J
Schrader, George D

As 2d Lieutenant

Tonge, James M

Distinguished Military Grads, AFROTC

Morris, Robert K
Payne, William C, Jr
Perry, Clarence L
Ragsac, Albert
Rothman, Max
Smith, Gerald L
Swanson, Robert G
Thompson, C G
Wetter, Monte H
Yingling, William A
Allen, Robert L
Arner, Harold L
Batson, Don T
Benjamin, John H
Blake, John C
Blystone, Paul A
Brees, Anton D
Burnett, Bernard B
Butterfield, M R
Clark, Paul W
Cunningham, Jay L
Daley, Jerry F
Davidson, Troy H, Jr
Evans, Donald J
Demidovich, C W, Jr
Fenske, Gary T
Fischer, Milo L
French, Raymond W
Gane, Charles E
Giacobbe, John A
Gibson, Gary D
Gillam, Shelton B
Greene, Douglas C
Grimes, George H, Jr
Heiliger, Donald L
Holland, Winford E
Hunt, Ralph P
Inman, J W
Israel, Paul S
Jones, Joe D
Junkin, Jackie G
Kellim, James D
Krueger, Armin A

Distinguished Avn Cadet Grads

Akin, Aubrey L, Jr
Allred, Jeter A, Jr
Bennison, Thomas C
Bogham, Larry J
Bishop, Henry J
Castien, William G
Copenhaver, James D
Deaton, Marion C
Dixon, Gerald A
Fields, Richard E
Guenther, Ernest W
Harper, James L
Hess, Alfred A

Distinguished Officer Candidate Grads

Callicotte, Edward L
Fields, Robert A
Haynes, James L

CORRECTION—

Walters, Maj Alice M, prev ors re her Hon
Disch, IATR "Blair, Maj Alice M."

Prev ors for Offs Fr Wash, DC, to APO 380,
NY IATR "to USAF Gp, Jt US Mil Man for
Aid to Turkey, APO 254, NY"

Bryant, Capt Stanley N.
McBride, Capt Benjamin R.

AIRMEN ADVANCED ON RET LIST—

Henry, S/Sgt Charles H, to T/Sgt.

AIRMEN RETURNED TO RET STATUS—

Cole, M/Sgt John G.

AIRMEN TRF TO AFRES & ASG INACT STATUS—

Laidig, M/Sgt Theodore R, Jr; Roberts,
T/Sgt Merle D; Leska, M/Sgt Mike; Kirkpatrick,
M/Sgt Woodrow W; Thomas, M/Sgt
Coy H; Owens, S/Sgt James A; Richter,
M/Sgt Arthur C; Brotzman, M/Sgt Eldon
S T; Goan, M/Sgt Jerry W; Hibbard, M/Sgt
James M.
Knowlton, M/Sgt Horace F; Scott, M/Sgt
Walter D; Shipley, M/Sgt Edwin M; Wilson,
M/Sgt John T; Wood, M/Sgt Sheldon
H; Duesdieker, T/Sgt J H; Lenghart,
T/Sgt John, Jr; McKinzie, T/Sgt Tom W;
Thomas, T/Sgt Mathew; Saeger, S/Sgt H
F A.
Bagwell, M/Sgt Hubert; Berry, M/Sgt
Harold L; Bowling, M/Sgt Oswald R; Casey,
M/Sgt Arthur M; Brannon, M/Sgt Otha;
Dickson, M/Sgt Robert W; Donahy, M/Sgt
Dayl W; Farnsworth, M/Sgt Elza; Fox,
M/Sgt Joseph J; Goodrich, M/Sgt Philip F;
Grider, M/Sgt D R.
Hagan, M/Sgt J B; Harper, M/Sgt Richard
G; Hartsoc, M/Sgt R L; Hemming, M/Sgt
Lloyd A; Hogan, M/Sgt Eugene G; Hughey,
M/Sgt Carl E; Inglehart, M/Sgt Carl T;
Denning, M/Sgt Joseph E; Hoke, M/Sgt
C C; Wibking, M/Sgt John T.
Comstock, M/Sgt Victor I; Bilderback,
M/Sgt C B; Peele, M/Sgt Marvin P; Sheehan,
M/Sgt Walter J; Breeding, T/Sgt Lloyd C;

Withrow, M/Sgt Roy G; Lanning, M/Sgt
Forrest L; Long, M/Sgt Verne W; Lucas,
M/Sgt Pershing; McGee, M/Sgt Thomas W;
Miller, M/Sgt Leo J.

Perkins, M/Sgt Lester E; Slonina, M/Sgt
Bernard; Spears, M/Sgt Hamer J; Stobert,
M/Sgt Ralph F; Uptain, M/Sgt James M;
Ward, M/Sgt Neil O; Borovka, T/Sgt Lewis
T; Brannan, T/Sgt Robert W; Grohal, T/Sgt
George; Jackson, T/Sgt Leland C; Seiber,
T/Sgt Maurice G; Burks, S/Sgt Buren M.
Burque, S/Sgt Emery L; Penrose, S/Sgt
Donald J; Pold, S/Sgt Joseph T; Regner,
S/Sgt Horace; Rix, M/Sgt Norbert J; Helsey,
T/Sgt Harold S.

AIRMEN RETIRED—

Jones, A/3C Theodore B; Nieder, T/Sgt
Otto H; Ross, A/1C Kenneth J; Rondeau,
M/Sgt Oscar; Knutsen, M/Sgt Edmund K;
Wagner, M/Sgt Herman; Reavis, A/2C Ar-
thur; Coleman, S/Sgt Shirley M; Firl, S/Sgt
Lester L; Hill, M/Sgt Richard L; Moles,
A/1C Albert H.
Bethel, T/Sgt Henry W; Caughman, T/Sgt
John S, as Lt Col; Shanley, M/Sgt William
K; Banas, A/2C Edward J; Guarnieri, M/Sgt
Salvatore J; Taylor, M/Sgt John G; Thur-
ston, S/Sgt George K; Babcock, A/2C Robert
E; Rowley, A/3C Hugh G.
Clogher, A/1C Joseph A; Shultz, M/Sgt
Walter; Young, M/Sgt Joe B; Hoglund,
S/Sgt George H; Whitfield, S/Sgt Samuel A;
Patterson, M/Sgt Jack Q, as Maj; Pitner,
T/Sgt Raymond E; Hardwick, M/Sgt Ray
T; Misakian, A/3C L; Graf, M/Sgt Harold
F, as 1st Lt; Ragan, M/Sgt Eugene J, as
Capt; Shillingberg, M/Sgt Lee D; Kuehn,
T/Sgt Z K; Mooneyham, A/1C P L.

Navy Orders

From page 8—

Tyler, Sidney F, 2d, 5ND; to CINCNELM
REP FRANKFURT.
Waltrip, Furman D, USS LEYTE; to CHAS
NAVSHIPYD.
Watts, Thomas C (SC), 3ND; to NSC NOR
VA.
Woodall, Reuben F, SUBRON TWO; to
NAVREACTORSBR DIV OF REACTOR
DEV AEC WASHDC DUINS.
Berriman, Joseph C, DESLANT TEM; to
CO USS THE SULLIVANS.
Jackson, Richard J, USS MAUNA KEA; to
CRUDESPAC TEM.
Pund, Harry C, Jr (DC), USS BENNING-
TON; to NAS PNCLA.
Blee, Ben W; STAFF CINCLANTFLT; to
CO USS SHADWELL.
Harner, George W, Jr (SC), ONM NAV
DEPT; to MUTUALWPNDEVPROGRAM
CONTRSUPSTAFF SACLANT ASW
TECHEN LA SPEZIA.
Hazapis, Thomas, USS WORCESTER; to
CO USS LEONARD F MASON.
Herrmann, Robert S (MSC), UNIV OF
DENVER DUINS; to BUMED.
McNeela, John P, NAAS WHITINGFLD
MILTON; to NAS PNCLA.
O'Neill, Rue, Jr, USS WORCESTER; to
BUPERS.
Pittman, William R, OPNAV; to OFC OF
ASTSECNAV (PERS AND RESORS).
Zoeller, Robert J, CHASNAVSHIPYD; to
DAVID W TAYLOR MODEL BASIN
CARDEROCK.
Durkin, Thomas C, NAS OLATHE; to 12ND.
Maddock, William J, CO USS MANLEY; to
SECONDFLT.
Martin, Henry J, 12ND; to NARESTRA
COM NAS GLEN.
Roohan, James F, Jr, USS ARNEB; to DES
LANT TEM.
Bigelow, Lovell M, USNAVPGSCOL MON-
TEREY DUINS; to CARDIV 15.
Dahllof, Robert L, USS CAPE ESPERANCE;
to OPNAV.
Hagerman, Wade H, Jr (DC), NAVDENTAL
SCOL NATNAVMEDCEN BETHESDA; to
NAVSUPACTY NAPLES.
Jeffery, Robert E, PHIBRON 10; to JSTAFF
CINCLANT.
Jones, William W, OPNAV; to CO AWATK
RON 33.
Neal, William H, III, BUPERS; to NAVSEC
MAAG FED REPUBLIC OF GER BONN.
Thomas, Vincent C, Jr, NAVSEC MAAG TAI-
WAN TSOYING; to USTAIWANDEFCON.

LIEUTENANT COMMANDER

Barnhart, Robert C, Jr, USS HANSON; to
USS NEWELL.
Barton, Robert K (MC), NAVHOSP CAM
LEJ; to NAVSUPACTY LONDON.
Brown, Jack, USS DIODON; to 11ND.
Burton, George W (CEC), USNAVPGSCOL
MONTEREY DUINS; to NAVCONSTFOR
PAC.
Carson, James D, OPNAV; to CO USS CON-
SERVER.
Dibenedetto, Pietro, AEWRON 13; to NAV
HOSP BETHESDA TRMT.
Dodson, Rolland, FLDCOM AFSWP ALBQ;
to SPWPNEPLGRUPACFLT.
Erickson, Helen D (MC), NAVHOSP
GLAKES; to NAS GROSSE ILE.
Fierce, Vernon R, Jr, BUAE; to ATKRON
125.
Fornev, Frederic J (CHC), MSTSLANT
AREA; to NAVREACTA NAVB BKLYN.
Harris, Walter J, USS C K BRONSON; to
NAVINDERWATER SOUNDLAB FORT
TRUMBULL.

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Klingberg, Franklin N, PATRON 49; to USS
DUXBURY BAY.
Maier, Charles W, NUCLEARWPNTCPAC
NAS NORIS; to USS BON HOMME RICH-
ARD.
McKee, David E, USS TRIPOLI; to NAV
CICSCOL NAS GLYNCO BRUNSWICK.
Michael, Max A, Jr, BUPERS; to CARDIV
16.
Navarrette, Claude, Jr, NATECHTU NAS
PNCLA; to USNAVPGSCOL MONTEREY
DUINS.
Nelson, Clifford, HATRON THREE; to US
NAVPGSCOL MONTEREY DUINS.
Patrick, Urey W, Jr, FAIRFAX TEM; to
CO ATKRON 105.
Penny, Harmon C, NAVORDMISSILE TEST
FAC WHITE SANDS MISSILE RANGE;
to USS JENKINS.
Roth, Emil S, DESRON 36; to NELM.
Russell, Joe W (MSC), NAVAIRLANT; to
NAVHOSP PORTSMOUTH VA TRMT.
Stevens, Jack N, USS CALIENTE; to OIC
CRUITNOP PORTLAND.
Adair, Charles W, FLETACSUPPRON 21; to
AIRTRANSRON 22.
Ahlstrom, Orlin J, FAIRDEFTC DAM NECK
VIRGINIA BEACH; to NAVAIRLANT
TEM.
Alexander, Thomas D, NAS ATLA; to AIR
TRANSRON THREE.
Bankston, Phillip T, NARTU LAKEHURST;
to NAVAIRLANT TEM.
Bohannon, Grover M, FLETACSUPPRON
21 JAPAN DET; to FLETACSUPPRON
21 SDIEGO DET.
Burt, Laroy, NAS LOS ALAMITOS; to
FLETACSUPPRON 21.
Dahlby, Philip C, NAVCICSCOL NAS
GLYNCO; to USNAVPGSCOL MONTEREY
DUINS.
Davis, William R, FASRON FOUR; to NAV
AIRPAC.
Debaets, Ronald M, UNIV OF CALIF
DUINS; to USS RANGER.
Denton, Jeremiah A, AFSC NORVA DUINS;
to NABATRAMON NAS PNCLA.
Fisher, Lowell E, NAS NORVA; to USS
VALLEY FORGE.
Garrison, Walter V, AIRANTISUBRON 31;
to CARDIV 16.
Greenwood, Earl, NARTU NAS ANA-
COSTIA; to NAVAIRLANT TEM.
Hawkins, Marvin A, NAS CORPC; to
FLETACSUPPRON ONE.
Hawley, Bennie O, NAVCICSCOL NAS
GLYNCO; to USNAVPGSCOL MONTEREY
DUINS.
Hervey, George H, CO USS BOLSTER; to
NAVSUBASE NLON TEM.
Hill, Ross A, NAS WILLOW GROVE; to
NAVAIRLANT TEM.
Jackson, Clinton W, PATRON 48; to USS
MIDWAY.
Jester, Jack A, USS OBRIEN; to CO USS
FALGOUT.
Jones, Thomas W (SC), AEWLANT; to
BUSANDA.
Kamps, Harold J, AIRFERSRON 32; to AIR
TRANSRON SEVEN.
Kelley, Frederick J, OPNAV; to THE
JSTAFFOFC JCS WASHDC.
Krol, Chester M, BUPERS; to AEWRON
FOUR.
KYLE, Kay L, NAVPHOTOCEN NAS ANA-
COSTIA; to USS FORRESTAL.
McAfee, Paul H, Jr, 12ND TEM; to BUSHIPS.
Miller, Daniel A, Jr, AIRDEVRON SIX; to
NAS QUONPT.
Mills, Norman J, FLETACSUPPRON 21; to
AIRTRANSRON THREE.
Sharpe, Kenneth H, NAAS WHITINGFLD;
to NAVSTA ROOSEVELT ROADS.
Shroyer, William C, NAS CECILFLD; to
NAVAIRLANT TEM.
Spann, Willis L, NAAS KINGSVILLE; to
OPDEVFOR.
Tierney, Glenn A, CARDIV FIVE; to AIR
DEVRON FOUR.
Traumeur, Paul E (CHC), USS LEXING-
TON; to 12ND TEM.
Ward, James J, FLETACSUPPRON 21; to
AIRTRANSRON SEVEN.
Conry, William H (SC), OFC OF RESUP
SHIP USN AND NAVINORD KALAMA-
ZOO; to NAVFINCEN CLEVE.
Davis, William G, USS RANDOLPH; to NAV
AIRLANT TEM.
Fortson, Robert M, Jr, OPNAV; to AIRDEV
RON ONE.
Gebler, Gerald P, NAVSCOLCOM NAVSTA
NPT; to DESRON 14.
Gorman, John H (SC), NAS ROTA; to NAV
HOSP SDIEGO TRMT.
Horne, Philip A, NAS ATLA; to AIRTRANS
RON THREE.
Johnston, Philip D, Jr, USS JENKINS; to
CO USS VANCE.
Miles, Kenneth G, NAS SEATTLE; to AIR
TRANSRON SEVEN.
Nance, Russell S (MSC), NATNAVMEDCEN
BETHESDA; to 14ND.
Oller, William M (SC), NAVPHIL; to ORD
SUPOFC MECH.
Price, Charles H, NATECHTU NAS PNCLA
DUINS; to NAVAIRLANT TEM.
Vall, Ronald A, NAVSECGRUHDCTV
WASHDC TEM; to OIC RESNAVSEC
GRUDET SERVSCOLCOM NTC BAIN.

—Continued on page 27

Births • Marriages • Deaths

(No charge for Service announcements. Please print all names.)

Born

ADAM—Dreux, France 1 Dec T/Sgt and Mrs Andrew Adam, 7305th CAMRON, APO 84, NY, daughter, Tammy L.

ALTIERE—Wright-Patterson AFB, Ohio 24 Nov Maj and Mrs Fred J Altieri, son.

ARMSTRONG—Berlin, Germany 7 Nov Sgt and Mrs Richard H Armstrong, Jr, daughter, Deborah L.

BAGLEY—Neubrucke/Nahe, Germany 25 Nov Sgt and Mrs Hubert E Bagley, son, Hubert Earl, Jr.

BARBER—DeWitt AH, Ft Belvoir 4 Dec Maj and Mrs Roscoe A Barber, Jr, son, Roscoe Allen, 3d, grandson of the late Col Perry McC Smith (USA) and Mrs Smith, of Hampton, Va, and of Mr and Mrs Roscoe A Barber, of Rocky Mount, NC.

BARGE—Ft Sill, Okla 30 Nov 1st Lt and Mrs Beverly L Barge, daughter.

BARNETT—Mather AFB, Calif 21 Nov Capt and Mrs Earl Barnett, son.

BARROW—Berlin, Germany 21 Nov Sp4 and Mrs Robert D Barrow, son, Robin D.

BERNEMANN—Neubrucke/Nahe, Germany 26 Nov Sp4 and Mrs Richard N Bernemann, daughter, Cynthia Marie.

BERRY—Berlin, Germany 11 Nov Sp4 and Mrs Roger K Berry, daughter, Cynthia R.

BLANTON—Berlin, Germany 25 Nov 1st Lt and Mrs Philip T Blanton, son, Philip T.

BOCCAROSSA—Neubrucke/Nahe, Germany 22 Nov Sp4 and Mrs Mario N Bocarossa, son, Nikolai Gerry.

BOWERMASTER—Fitzsimons AH, Denver 2 Dec 1st Lt (USA-Ret) and Mrs James W Bowermaster, son.

BOWMAN—Houston, Tex 3 Oct, Dr and Mrs Frank O Bowman, Jr, 2d son, Herbert Davis, grandson of Maj Gen (Ret) and Mrs Frank O Bowman, of Carmel, Calif, and of the late Mr and Mrs Herbert C Davis, of the Panama Canal Zone and North Carolina.

BRANTLEY—Ft Sill, Okla 30 Nov Capt and Mrs Edward G Brantley, daughter.

BROWNE—Brooke AH, Ft Sam Houston, Tex 21 Nov Maj and Mrs Lawrence L Browne, Jr, son.

BURCH—Mather AFB, Calif 27 Nov Capt and Mrs Van T Burch, daughter.

CAIN—Neubrucke/Nahe, Germany 23 Nov Sfc and Mrs John W Cain, son, Michael Harold.

CANNON—DeWitt AH, Ft Belvoir, Va 2 Dec Maj and Mrs Carlisle C Cannon, daughter.

CASTBERG—Plattsburgh AFB, NY 27 Nov 1st Lt and Mrs James P Castberg, daughter, Catherine Ann.

CAVALIER—Mather AFB, Calif 29 Nov Capt and Mrs Eugene Cavalier, son.

CHRISTENSEN—Carlisle Bks, Pa 4 Dec Lt Col and Mrs Ancher E Christensen, Jr, son.

CHRISTMAN—Mather AFB, Calif 1 Dec 2d Lt and Mrs Donald O Christman, daughter.

CONNOLLY—DeWitt AH, Ft Belvoir, Va 29 Nov Maj and Mrs John E Connolly, son.

CORTEZ—Ft Polk, La 23 Nov Maj and Mrs Clyde A Cortez, Hq Co 2d Log Comd, Ft Polk, son, Paul Stephen.

CUNNINGHAM—Dover AFB, Del 2 Dec Lt and Mrs Arthur W Cunningham, son.

CURETON—Brooke AH, Ft Sam Houston, Tex 28 Nov Maj and Mrs William S Cureton, daughter.

DANIELS—Brooke AH, Ft Sam Houston, Tex 25 Nov Capt and Mrs Richard E Daniels, son.

DODD—Wright-Patterson AFB, Ohio 23 Nov Maj and Mrs William R Dodd, 5345 Duquesne Ave, Dayton, Ohio, son, David Franklin.

DOSSEY—Dreux, France 28 Nov Sgt and Mrs Rhomas M Dossey, 557th QM Co (AS), APO 253, NY, daughter, Vera E.

DOUGAL—Ft Polk, La 2 Dec 2d Lt and Mrs Richard Douglas, Hq Co, 1st Tank Bn, 1st Cavalry, CCA, Ft Polk, son, Robert Anthony.

DOWD—DeWitt AH, Belvoir, Va 1 Dec 2d Lt and Mrs Thomas J Dowd, Jr, son.

DOWDS—Neubrucke/Nahe, Germany 24 Nov 2d Lt and Mrs Hugh D Dowds, daughter, Maureen Elizabeth.

DUFOR—Ft Sill, Okla 29 Nov CWO and Mrs Harold E Dufour, son.

DUKEMAN—Fitzsimons AH, Denver 2 Dec CWO and Mrs Cless O Dukeman, daughter.

DUNN—Dreux, France 28 Nov 1st Lt and Mrs Harry P Dunn, 12th TrpCARON, APO 84, NY, daughter, Mary M.

EASTON—Brooke AH, Ft Sam Houston, Tex 27 Nov 1st Lt and Mrs Howard V Easton, son.

EBERLE—Neubrucke/Nahe, Germany 23 Nov Nov Sp5 and Mrs Edward A Eberle, son, Jonathan Edward.

ELLIOTT—Vance AFB, Okla, 26 Nov 1st Lt and Mrs Philip D Elliott, son.

EVERETT—Quantico, Va 6 Dec 2d Lt and Mrs Richard F Everett, daughter, Karen Patricia.

FERGUSON—Neubrucke/Nahe, Germany 21 Nov 1st Lt and Mrs P L Ferguson, son, Earl Lindbergh.

FIEVET—Berlin, Germany 6 Nov Sp4 and Mrs Germain P Fievét, son, Mario P.

FLERTZHEIM—West Point, NY 27 Nov Capt and Mrs Henry A Flertzheim, Jr, daughter, Melissa Ann.

FLETCHER—Brooke AH, Ft Sam Houston, Tex 26 Nov Maj and Mrs Charles R Fletcher, son.

FOREST—DeWitt AH, Belvoir, Va 30 Nov Capt (USAF) and Mrs Francis W Forest, son.

FRIAS—Langley AFB, Va 23 Nov 1st Lt and Mrs Robert G Frias, 425 Melville Rd, Hampton, Va, son, Thomas Paul.

GOODWIN—Langley AFB, Va 26 Nov 1st Lt and Mrs George W Goodwin, 112 Glenwood Dr, Hampton, Va, son, Alexander Marcus.

GRANEY—MCRS, Louisville, Ky 23 Nov Capt (USMC) and Mrs Thomas E Grane, daughter, Terri Lynn.

GRAZIANI—Brooke AH, Ft Sam Houston, Tex 27 Nov Capt and Mrs Leonard J Graziani, daughter.

GREENFIELD—Neubrucke/Nahe, Germany 21 Nov Sfc and Mrs Thomas R Greenfield, daughter, Mary Jo.

GROSS—Berlin, Germany 11 Nov Sp4 and Mrs Herbert G Gross, daughter, Diana M.

HAYES—Mather AFB, Calif 21 Nov 1st Lt and Mrs Harold E Hayes, daughter.

HAYES—Berlin, Germany 16 Nov Sfc and Mrs Herbert L Hayes, son, Rodney G.

HILL—Neubrucke/Nahe, Germany 25 Nov M/Sgt and Mrs Lester E Hill, son, Robert Lester.

HULL—Ft Meade, Md 25 Nov 1st Lt and Mrs Robert Hull, son.

JACKSON—Brooke AH, Ft Sam Houston, Tex 23 Nov Capt and Mrs William M Jackson, daughter.

KERNAN—Berlin, Germany 19 Nov Col and Mrs William F Kernan, son, James M.

KIEFER—DeWitt AH, Ft Belvoir, Va 4 Dec 1st Lt and Mrs Charles A Kiefer, daughter.

KINN—Brooke AH, Ft Sam Houston, Tex 27 Nov Capt and Mrs William F Kinn, daughter.

LAMBERT—Langley AFB, Va 28 Nov Lt Col and Mrs Floyd A Lambert, 31 Lancaster Terrace, Hampton, Va, daughter, Martha Margaret.

LAMMERS—Berlin, Germany 7 Nov Sfc and Mrs Louis L Lammers, daughter, Susan K.

LAMOREAUX—Vance AFB, Okla 18 Nov 1st Lt and Mrs James E Lamoreaux, daughter.

LINTIACO—Neubrucke/Nahe, Germany 23 Nov Sfc and Mrs Juan I Lintiac, daughter, Deborah Jean.

MAEVSKY—Berlin, Germany 12 Nov Sp4 and Mrs Anthony Maevsky, son, Andrew.

MANCINI—Ft Riley, Kans 25 Nov 2d Lt and Mrs Pascal Mancini, daughter.

MANGRAM—Ft Meade, Md 27 Nov 1st Lt and Mrs Abb Mangram, daughter.

MCCAFFREY—Ft Dix, N J, 28 Nov Capt and Mrs Patrick McCaffrey, son, David Michael.

MC GUIRE—Berlin, Germany 16 Nov Sp4 and Mrs Jerry E McGuire, son, Jerry D.

MELE—Dreux, France 28 Nov M/Sgt and Mrs John C Mele, HEDRON, 317th ABGRU, APO 253, NY, son, Joseph F.

MONTGOMERY—Brooke AH, Ft Sam Houston, Tex 28 Nov 1st Lt and Mrs Gary E Montgomery, daughter.

MORGAN—Ft Sill, Okla 29 Nov 1st Lt and Mrs Abbott R Morgan, son.

MURRAY—Cp Leroy Johnson, La recently, Capt and Mrs Benjamin C Murray, son.

NESBIT—Quantico, Va 28 Nov Capt and Mrs Charles L Nesbit, son, Steven Pinkney.

NEWCOMB—Ft Riley, Kans 30 Nov Capt and Mrs Charles W Newcomb, daughter, Karen Grace.

NORDEN—Berlin, Germany 26 Nov Sp5 and Mrs Peter A Norden, son, Thomas A.

O'HARA—Neubrucke/Nahe, Germany 21 Nov Sp5 and Mrs James D O'Hara, son, William James.

OHLERT—Neubrucke/Nahe, Germany 21 Nov Sfc and Mrs Alfred L Ohlert, son, Clifford Elton.

PETERSON—DeWitt AH, Ft Belvoir, Va 29 Nov 1st Lt and Mrs Thorwald R Peterson, daughter.

PIKE—Brooke AH, Ft Sam Houston, Tex 25 Nov Capt Carl W Pike, son.

POIRIER—Brooke AH, Ft Sam Houston, Tex 22 Nov Capt and Mrs Omer A Poirier, son.

PRIBILSKI—Dreux, France 29 Nov T/Sgt and Mrs Bennie R Pribilski, 40th TrpCARON, APO 253, NY, daughter, Teresa A.

PRIEST—Selfridge AFB, Mich 25 Nov 1st Lt and Mrs Robert Priest, son.

RAWSON—Dayton, Ohio 26 Nov Capt (USAF) and Mrs William C Rawson, 460 Renolr place, Dayton 3, twin sons, Robert Bradley, and James Michael (5th and 6th children; 3d and 4th son); grandsons of Col (USAF-Ret) and Mrs F J Rawson, and of Capt (USNR-Ret) and Mrs W M Galvin, all of Washington, D C.

REDDING—DeWitt AH, Ft Belvoir, Va 2 Dec Capt and Mrs Gorman J Redding, daughter.

REIDY—Offutt AFB, Nebr 8 Nov Capt and Mrs Joseph Reidy, daughter, Maureen Claire.

RICHARDSON—Brooke AH, Ft Sam Houston, Tex 1 Dec 1st Lt and Mrs Jerre B Richardson, daughter.

ROCK—Dover, AFB Del 2 Dec Lt and Mrs James T Rock, son.

RODRIGUEZ—Neubrucke/Nahe, Germany 20 Nov Sfc and Mrs Ismael Rodriguez, son, Edgar Antonio.

ROESLER—Wright-Patterson AFB, Ohio 26 Nov Capt and Mrs Larry Roesler, daughter.

SCHMIDT—Mather AFB, Calif 25 Nov Capt and Mrs Edwin Schmidt, Jr, son.

SCHUTES—Ft Dix, N J 28 Nov 1st Lt and Mrs John G Schutes, son, Paul John.

SEALEY—Ft Riley, Kans 28 Nov WO and Mrs Marion Sealey, daughter, Cheryl Ann.

SHANNON—Berlin, Germany 14 Nov Sgt and Mrs Gary S Shannon, James R.

SKINNER—Ft Leonard Wood, Mo 22 Nov 1st Lt and Mrs Willis D Skinner, daughter, Karen Rene.

SOLIMINE—Wright-Patterson AFB, Ohio 26 Nov Capt and Mrs Eugene M Solimine, daughter.

STETLER—Mather AFB, Calif 27 Nov 1st Lt and Mrs Ronald W Stetler, son.

SYLVESTER—Ft Leavenworth, Kans recently, Capt and Mrs Allan T Sylvester, 2d, 13 Bullard, Ft Leavenworth, daughter, Lori Ann.

TATUM—Berlin, Germany 3 Nov Capt and Mrs John M Tatum, daughter, Susan C.

TAYLOR—Berlin, Germany 11 Nov M/Sgt and Mrs Elwood M Taylor, son, Frank M.

TAYLOR—Fitzsimons AH, Denver 3 Dec Lt Col and Mrs Richard R Taylor, son.

THOMAS—Wright-Patterson AFB, Ohio 25 Nov Lt Col and Mrs Clarence L Thomas, son.

TINGLE—Mather AFB, Calif 25 Nov Capt and Mrs Leslie G Tingle, son.

VALVERDE—Ft Polk, La 24 Nov 2d Lt and Mrs Fernando Valverde, D Co, 13th Cavalry, CCA, Ft Polk, daughter, Maria Jose-fina.

VAN ARSDEL—Berlin, Germany 19 Nov Sp5 and Mrs William E Van Arsdell, daughter, Julia A.

VARDIMAN—Fitzsimons AH, Denver 29 Nov 1st Lt (USAF) and Mrs Boyce A Vardiman, daughter.

VILKAS—Dover AFB, Del 3 Dec Capt and Mrs John J Vilkas, daughter.

WAND—Haringen AFB, Tex 24 Nov 1st Lt and Mrs Donald Wand, daughter.

WARREN—Maxwell AFB, Ala 26 Nov Capt and Mrs C A Warren, son, Robert Kenneth.

WEEDEN—Vance AFB, Okla 27 Nov 1st Lt and Mrs Dale N Weeden, son.

WELDON—Berlin, Germany 16 Nov Sgt and Mrs Thomas P Weldon, daughter, Patricia A.

WHITTEN—Ft Sill, Okla 29 Nov Capt and Mrs Millard Whitten, daughter.

WIESNER—Dreux, France 25 Nov S/Sgt and Mrs Bodo Wiesner, 11th TrpCARON, APO 84, NY, daughter, Linda D.

WINTON—Berlin, Germany 14 Nov Sfc and Mrs Robert L Winton, daughter, Lisa J.

Married

KEE-DASHIELL—The Mt Olive Methodist Church, Baltimore, Md 27 Nov Miss Mary Jane Dashiell, daughter of Mr & Mrs A Gorman Dashiell, and Lt Russell Albert Kee, Jr, son of Mr & Mrs Kee, Watertown, Wis.

NIXON-HERSHEY—All Saints Protestant Episcopal Church, Millington, NJ 6 Dec Miss Gay Hershey, daughter of Mr & Mrs H Roy Hershey, and Lt Howard Wade Nixon, USAF, son of Mr & Mrs Rosser G Nixon, Manteo, NC.

PEDERSEN-SMART—Alexandria, Va 5 Dec Miss Jean Elizabeth Smart, daughter of Maj Gen Jacob E Smart, USAF, and Mr Arne Munk Pedersen, Washington, DC, son of Mr & Mrs P S Munk Pedersen.

STODDART-MILLER—St Mark's Protestant Episcopal Church, New Canaan, Conn 6 Dec Miss Gail Miller, daughter of Mrs Stanley E Birdsey of Greenwich, Conn, and Lt George Anderson Stoddart, USMC, son of Mrs Percy D Stoddart of Oyster Bay, LI, NY, and the late Mr Stoddart.

TAYLOR-HIGGINS—The Roman Catholic Church of Our Lady of Sorrows, McAllen, Tex 6 Dec Miss Sally Higgins, daughter of Mrs George Thomas Higgins and the late Mr Higgins, and Lt Cortlandt Mulcaster Taylor, USAF, son of Mrs Curzon Taylor of New York City and the late Mr Taylor.

WOLFF-PACHAUD—The US Navy Chapel, Washington, DC 29 Nov Miss Jacqueline A Pachaud, daughter of Mrs Albert Olson, wife of Commander Olson, USN, Chevy Chase, Md, and Lt William A Wolff, USAF, son of Mr & Mrs Lynn Vulkan, Hector, Minn.

Died

ANDERSON—Died at San Diego, Calif 29 Nov Lt Col George Anderson, USMC, 41, of a heart condition. Survived by his widow, Mrs Audrey Anderson, 3646 Jennifer St, San Diego; two daughters, Gail & Lynn Anderson; one son, Michael Anderson; and his parents, Mr & Mrs Alfred E Anderson, 14 Elizabeth St, Wharton, NJ. Burial Ft Rosecrans National Cemetery.

BANGS—Died Gloucester, Mass 12 Nov Lt Donald Smith Bangs, USCG-Ret. Survived by his widow, Mrs Edith B Bangs, PO Box 76, Gloucester.

BARNHART—Died 4 Dec Lt(Jg) John B Barnhart, USNR.

BAXTER—Died San Diego, Calif 20 Nov Col John H Baxter, USA-Ret.

BIGELOW—Died West Palm Beach, Fla 3 Dec Cdr Anson A Bigelow, USNR-Ret, 62. Survived by his widow, Mrs Josephine Widener Bigelow.

BRIGHAM—Died USNH, Newport, RI 3 Dec Mrs Dorothy Davidson Brigham, 66, wife of Col Wesley C Brigham, USA-Ret, 353 Ten Rod Rd, No Kingston, RI. In addition to her husband, she is survived by one son, Capt Bruce A Brigham, USA, Lexington, Ky; one daughter, Miss Jean Brigham, Melrose, Mass; a granddaughter, Sarah Brigham, Lexington, Ky, and one brother, Capt William B Davidson, USNR-Ret, Ellsworth, Ga. Funeral services Narragansett, RI, & burial Arlington National Cemetery, Washington, DC.

CAMPION—Died Arlington, Va 8 Dec Cdr Donald G Campion, USNR. Survived by his widow, Mrs Mary A Campion, 4431 No 15th St, Arlington; two sons, Thomas G & Donald R Campion; his father, Mr Horace T Campion; and one sister, Mrs Catherine C Alspach, West Point, NY. Burial Arlington National Cemetery.

CASSADY—Died Ft Lauderdale, Fla 8 Dec Mrs Sallie Dold Cassidy, 54, wife of Adm John H Cassidy, USNR-Ret, after a short illness. Survived, in addition to her husband, by two sons, William F Cassidy, Boca Raton, Fla, & J H Cassidy, Jr, now with the State Department in Asia. Burial services Arlington National Cemetery at 11:30 a.m. Friday, 12 Dec. Family requests donations be made to American Heart Assn in lieu of flowers.

CLANCY—Killed in the crash of a Navy air tanker at Norfolk, Va 9 Dec Ens Fred M Clancy, 3d, 20.

FENTON—Died 2 Nov Col Ralph A Fenton, Ret.

GOULD—Died in France 14 Nov 1st Lt Robert B Gould, ANC.

GRANT—Died 18 Oct Capt William L Grant, Ret.

GUTHRIE—Died San Francisco, Calif 18 Nov Col Richard T Guthrie, USA-Ret.

HANLEY—Died Ft Sam Houston, Tex 23 Nov Col Laurence H Hanley, USA-Ret.

HORTON—Died Walter Reed AHS, Washington, DC 30 Nov CWO Arthur E Horton. Burial Jacksonville, Ala.

JACKMAN—Died 7 Dec LCdr Ralph H Jackman, USNR.

JUDGE—Died MacDill AFB, Fla 16 Nov Lt John Joseph Judge, USCG-Ret. Survived by his widow, Mrs Elizabeth Judge, 3336 Kingston St, No. St Petersburg, Fla.

KING—Died USNH, Bethesda, Md 30 Nov Mrs Sallie C King, 58, wife of Capt John W King, USNR-Ret, 4740 Connecticut Ave, NW, Washington, DC. In addition to her husband, she is survived by one son, LCdr J W King, Jr, on duty with the Pacific Fleet; and three grandchildren. Burial Arlington National Cemetery.

KOZLOWSKI—Died San Francisco, Calif 22 Nov Col Karol B Kozlowski, USA-Ret.

MOORE—Died San Diego, Calif 17 Nov LCdr Edward C Moore, 3d, USNR-Ret, 34, of a heart attack. Survived by his widow, Mrs Ruth P Moore, Del Mar, Calif; three children, Edward C Moore, 4th, Mary Leigh Moore & Susan Moore; his parents, CWO & Mrs E C Moore, Jr, 2330 Redwood Dr, Augusta, Ga, and one brother, Capt Marc A Moore, USMC, Dallas, Tex. Burial Golden Gate National Cemetery, San Bruno, Calif.

MOMAN—Died 6 Dec Lt Hubert M Moman. Burial Arlington National Cemetery, Washington, DC.

MORSE—Died 1 Dec Col Arthur W Morse, MC, USA-Ret, 85. Survived by his widow, Mrs Charlotte B Morse. Funeral and burial services were held at his home at Odell, Ill.

MUIR—Died San Francisco, Calif 22 Nov Capt Mark D Muir, MC.

BOLLO—Died 4 Dec Ens Norman K Rolfe, USNR.

SEILER—Died in the crash of a Navy plane in the Potomac River near Washington, DC, 4 Dec Capt Edward H Seiler, Jr, USN, 40. Survived by his widow, Mrs Madeleine Seiler, 5616 Colfax Ave, Alexandria, Va; and four children, Madelyn, 15, Susan, 12, Edward H, 3d, 9, and Stephen, 4. Burial was at New Orleans.

SHUMAN—Died at VA Hospital, Newington, Conn 1 Dec Maj William I Shuman, USA-Ret, 72. Assistant Secretary of the Treasury under William G McAdoo. Survived by his widow, Mrs Frances Shuman, 1656 Fitzgerald Ln, Alexandria, Va; four daughters, Mrs Maybelle Johnson, Sarasota, Fla, Mrs Mary Elizabeth Hanson, Houston, Mrs Susan McDonald, Tucson, & Miss Julia Shuman, Hollywood. Burial Arlington National Cemetery, Washington, DC.

SPARROW—Died at USNH, Quantico, Va 6 Dec CWO James Franklin Sparrow, USMC, 50, as the result of a shooting accident while on a hunting trip at the A P Hill Military Reservation. Survived by his widow, Mrs Irene E Sparrow, Triangle, Va; one daughter, Miss Betty A Sparrow; and three sisters. Burial Arlington National Cemetery.

THORN—Died in the crash of a Navy plane in the Potomac River near Washington, DC, 4 Dec Capt William A Thorn, USN, 51. Survived by his widow, Mrs Norma E

Thorn, 1127 No Ivanhoe St, Arlington, Va; two daughters, Margaret, 9, & Susan, 7; one son by a previous marriage, William A. Jr.; and his mother, Mrs Margaret Thorn of Edgewater, Md. Burial Arlington National Cemetery.

TILLEY—Died East Worcester, NY 22 Nov 1st Lt John E Tilley, CE.

TONDORA—Killed in the crash of a Navy air tanker at Norfolk, Va 9 Dec 14-mos-old Joseph R Tondora, jr. & one-mo-old Josephine Tondora, children of Lt (USN) & Mrs Joseph R Tondora, Norfolk. In addition to their parents, they are survived by a sister, 10-year-old Barbara Jean Tondora.

WEICKER—Died 1 Dec Lt(jg) Frederick E Weicker, jr, USNR.

WEICH—Died 18 Oct 1st Lt Keith E Welch, Ret.

WILLING—Died New York City 19 Nov Col Willard Willing, USA-Ret.

WILSON—Killed in the crash of a Navy air tanker at Norfolk, Va 9 Dec LCdr George Wilson, 38. Survived by his widow, two sons & a daughter.

Obituaries

RAdm. William Ellicott MacCoun, USCG-Ret

Burial services were held at the St. John's of Waverly Church Cemetery, Baltimore, Md., 3 December for RAdm. William Ellicott MacCoun, USCG-Ret, 87, who died at the home of his daughter at Arnold, Md., 30 November.

One of the few oldtimers of the Revenue Cutter Service, forerunner of the U. S. Coast Guard, Admiral MacCoun was born at Baltimore. An alumnus of Mechanical Engineering at Lehigh University, he had devoted more than 40 years to a career in marine engineering with the Coast Guard. Entering the Service in 1893, he saw sea duty aboard cutters in the Atlantic, Pacific and the Gulf of Mexico, and during the Spanish American War was a member of Admiral Dewey's Asiatic Squadron at Hong Kong and in the Battle of Manila Bay, for which he won the Congressional Medal of Honor. During WWI, Admiral MacCoun served on merchant convoy escort duty between Gibraltar and Great Britain, before becoming Industrial Aide and Materiel Officer with the Naval Overseas Transportation Service at Baltimore, when he was in charge of repair and alteration of Navy vessels carrying supplies overseas. Retiring from active duty in September 1935 with the rank of commodore, Admiral MacCoun's appointment as rear admiral was not effected until June 1937. In the past year, he had made his home with his daughter, Mrs. Henry A. Mylander of Joyce Lane, Arnold.

Col. Dorris A. Hanes, USA-Ret

Graveside services for Col. Dorris A. Hanes, USA-Ret, who died at Walter Reed Army Hospital 4 December were held 5 December at Arlington National Cemetery. He would have been 68 years old on 10 December.

A native of Kentucky, Colonel Hanes served with the Kentucky National Guard during the Mexican Campaign in 1916. He later accepted a commission in the Regular Army, and prior to WWII, transferred from the Infantry to the Quartermaster Corps. Early in WWII, Colonel Hanes organized and established supply depots in Northern Ireland and England. A graduate of the Army Industrial College, the Quartermaster School,

the Harvard Business School and the Franklin Business College, Colonel Hanes was retired from active duty in 1944, when he established a real estate business in Washington, D. C. He served continuously over a number of years on the Board of Governors of the Retired Officers Association.

He is survived by his widow, Mrs. Mary Evelyn Hanes of 1565 44th St., N. W., Washington.

Lt. Col. Raymond R. Regan

Lt. Col. Raymond R. Regan, Provost Marshal, Ft. Monmouth, N. J., died at Ft. Belvoir, Va., 4 December at the age of 50. Burial was at Arlington National Cemetery.

Colonel Regan entered the Army in March 1941 at Corning, N. Y., where he was a member of the New York State Police. He served in WWII as Provost Marshal of the famous 1st Infantry Division in campaigns in Africa, Italy, France and Germany. Again in the Korean fighting, he served under severe combat conditions as Provost Marshal of I Corps. Prior to his recent assignment at Ft. Monmouth, Colonel Regan was Chief of the Personnel and Training Division, Office of the Provost Marshal General.

He is survived by his widow, Mrs. Helen Susan Regan, 4152 So. 36th St., Arlington, Va.; and one son, Cadet Raymond R. Regan, jr., USMA.

Lt. Col. August J. Mack, USA-Ret

Burial services were held recently at the Golden Gate National Cemetery, San Bruno, Calif., for Lt. Col. August J. Mack, USA-Ret, 67, who died 24 November at his home at San Jose, Calif.

Colonel Mack, a veteran of 37 years in the Army, rose from the enlisted grades to see service in both World Wars and in the Korean Occupation. In WWI, he participated in the Meuse, Argonne, Chateau Thierry and St. Mihiel offensives and, following the war, he served nine years in China with the 15th Infantry. During WWII, Colonel Mack headed the Enlisted Machine Records Unit in Washington, D. C. He was retired from active duty in January 1949.

He is survived by his widow, Mrs. Harriet Parker Mack, 557 Flagg Ave., San Jose; two sons, James A. Mack, & Edwin L. Casady; one daughter, Mrs. Muriel C. Bain; two brothers; and two sisters.

Mr. Henry William Niels

Burial services were held 17 November at the National Cemetery, Baltimore for Mr. Henry William Niels, 83-year-old combat veteran of the Spanish-American War and both World Wars, who died 13 November at the Veterans Hospital, Ft. Howard, Md.

Mr. Niels, who was a native of Hamburg, Germany, saw sea duty on a British vessel when he was 17 years old and his life since then had been largely spent at sea, with the old U. S. Revenue Cutter Service and later, with the U. S. Navy and Merchant Marine. He served with the Navy in Cuba in the Spanish-American War, and again in WWI as a lieutenant (jg). In WWII, Mr. Niels entered the Merchant Marine at the age of 39, retiring three years later as a commander. Since his retirement, he had made his home with his daughter in Baltimore and had participated actively in American Legion and Veterans of Foreign Wars affairs.

He is survived by his daughter, Mrs. John W. Braid, 5625 Purdue Ave., Baltimore; one step-son, Mr. John C. Stump, Baltimore; and eight grandchildren.

GROVE; to NAVAIRLANT TEM.
Lawson, William S, NAS SOWEYMOUTH; to NAVAIRLANT TEM.
Masterson, Edward R, NAS SOWEYMOUTH; to AIRTRANSRON THREE.
Palmer, Melvin D, OPNAV; to NAVAIRLANT TEM.
Pledger, William G, NAS DAL; to TACRON 11.
Seymour, Earl P, NAVAIRLANT; to BUPERS.
Tait, George L, PAMI NATRACOM NAS PNCLA; to OIC PAMI NATRACOM NAS PNCLA.
Weidig, Donald H, CRUESPAC TEM; to USS THEODORE E CHANDLER.
Woessner, Fred W, jr, NAVSECGRUACTY FORT GEORGE G MEADE; to NSA SAME STA.
Zimmerman, George G, USS GREENWICH BAY; to NAVAIRLANT TEM.
Anthony, John F, ATKRON 216; to NAS NEW YORK FLOYD BENNETTFLD.
Bell, John H, DESLANT TEM; to DESDEV GRU TWO.
Bussey, Gladys V (NC), NAVHOSP GLAKES; to NAVHOSP CAMPEN.
Culp, James D, NAVGMSOL FAIRDEFTC DAM NECK VIRGINIA BEACH TEMINS; to USS GALVESTON.
Davies, Henry E, OPDEFOR; to USS GALVESTON.
Fitch, Robert A, AIRTRANSRON SEVEN; to USS HANCOCK.

Herman, John S, NATESCEN PAXRIV; to NAVAIRLANT TEM.
Higgins, Roy T, USS SHADWELL; to PHIB RON SIX.
Maley, Elizabeth M (NC), NAVHOSP CORPC; to NAVHOSP ST ALBANS LI.
Miller, Johnnie G, HUTRON ONE; to NAS DAL.
Penny, Haron C, NAVORDMISSILE TEST FAC WHITE SANDS MISSILE RANGE; to USS JENKINS.
Seymour, Charles R, HELANTISUBRON ONE; to NAS NRLNS.
Steele, Clyde H, SERVAPAC; to 12ND TEM.
Tanton, Paul W, CO USS LAKE COUNTY; to USS ORLEANS PARISH.
Wear, Lavern G, OPNAV; to USS OBRIEN.
Zimmerman, Frederick W E, PATRON FIVE; to NAS GROSSE ILE.
Allen, James R, NAVCISCOL NAS GLYNCO; to FLETRAGRU GTMO.
Bland, William F, OFC OF INFO NAV DEPT; to NAVAIRLANT TEM.
Carr, Elmer J B, NAVCISCOL NAS GLYNCO; to AIRBARSON TWO MID-WAY DET.
Cooper, William M (SC), NAVSUPACTY LONDON; to NORFOLKNAVSHIPYD.
Drown, Loraine E, OFC OF INSMAT PHILA; to USS SARATOGA.
Grigsby, Ralph I, FLETACSUPPRON 21; to USS LEXINGTON.
Hoover, Joyce J (NC), UNIV OF MINNESOTA DUINS; to NAVHOSP CAMPEN.
Johnson, Terry J, MSTSPACAREA TEM; to NAVFORJAPAN.
Kennedy, Herbert S, AFSC NORVA DUINS; to BUAEER.
Leo, Joseph P, jr, AIRTRANSRON SIX; to AIRSOUTH.
Mackay, Margaret W (NC), NAVHOSP BETHESDA; to NAVHOSP PHILA.
McKell, Martin S, UNIV OF CALIF DUINS; to NUCLEARWPTNTPAC NAS NORIS SDIEGO TEM.
Ward, Leo D (CHC), NAVADCOM NTC GLAKES; to USS BENNINGTON.
Zimmerman, Ernest L, FASRON 106; to PAT RON FOUR.
Morrison, John W, NATECHTU NAMAT CEN PHILA; to NAVSTA ADAK.
Smith, Robert M, CO USS TALBOT COUNTY; to OFC OF RINSMAT RAYTHEON MFGCO WALTHAM.
Topping, Thomas R, DESRON EIGHT; to BUPERS.
Wood, Robert C, OPNAV; to AFSOUTH.

COAST GUARD

Secretary of the Treasury—Robert B. Anderson
Commandant—Vice Adm. Alfred C. Richmond

PRESIDENT Eisenhower has named five Regular and Reserve Coast Guard officers for temporary promotion to the grades of lieutenant through commander, all with date of rank from 1 December 1958.

Appointed to temporary commander rank are Lieutenant Commanders Lewis R. Davidson and Robert D. Burkheimer. Temporary lieutenant commanders are reservists George W. Hardy, jr., and George S. Bridgman. New lieutenant commander is Eugene L. Davis.

60 Named Lieutenant (jg)

The President has appointed 56 Regular and four Reserve ensigns to temporary lieutenant (jg) with dates of rank from 1 December.

Those named are graduates of the U. S. Coast Guard Academy, Class of '57. The last four on the list are active duty Reservists.

Lynn, John B
Kime, John W
Hanson, Harlan D
Green, Richard J
Meskell, D J, jr
Combs, T D, jr
Brown, James E, jr
Kaufmann, Paul T
Passmore, G D, jr
Bragaw, L K, jr
Collins, Richard J
Niederman, Chas S
Vance, George P
McClellan, R A
Wirtz, John C
Markey, David R
Johnson, Robert A
Parish, Wm C, jr
Michaels, Richard W
Bruner, F C
Thurnher, D B
Harris, H J, jr
Osborn, James C
Ripley, Keith D
Cecce, John M
Fallon, H E, jr
Thompson R "D"
Beran, Arnold B
Cardinal, Robert J
Morrison, D M, jr
Davis, Donald B
Malone, Ronald G
Nolan, Thomas P
Woodworth, T G
Rots, Peter J
DeMicheli, Robt L
Ahearn, M J
Maloney, J I, jr
Crowell, Everett L
Bishop, R C, jr
DeGiorno, Ralph Z
Gloege, Terrill M
Erickson, John R
Matteson, Thomas T
Babineau, Wm R
Pennacchini, R N
Buell, Richard
Finnegan, Thomas W
Bader, Ernest J
Reckitt, Harry J
Flaherty, J P, jr
Conry, Carol E
Mitchell, John R
Marcott, Richard J
Super, Albert D
Rippel, Andrew R
Holtzman, Edward B
Manthous, A K
Morris, W E 3d
Taplin, H R, jr

Assignment Changes

Lieutenant Commander
Cooper, James S, PONTCHARTRAIN (XO) to Group, Balto (XO)—Cancelled.
Price, Robert I, HQ (MMT to M).
Schutzendorf, Gilbert H, CGAD, Kodiak (Difot) to CGAS, St Petersburg (Difot).
Stanton, Joseph F, jr, CGAS, Salem (Difot) to CGAD, Kodiak (Difot).
Decker, Gerard R, CGAS, Brooklyn (Difot) to OGAD, San Juan (Difot).
French, Harold A, CGAS, St Petersburg (Difot) to CGAS, Bermuda (Difot).
McNatt, Herman S, CGAD, Bermuda (Difot) to CGAS, St Petersburg (Difot).
Schwing, Robert G, MACKINAC (XO) to MIO, Portland, Ore (Duty).

Lieutenant
Baker, Earl A, CGAD, Annette Isl (Difot) to CGAU, CorpusC (Difot).
Dewing, Bruce W, NAS, CorpusC (Adv Flt Trng) to CGAS, Elizabeth City (Difot).
Eastman, Roger A, LTS, Ulithi (CO) to CGD11 (der).
Seaman, George T, CGAS, Port Angeles (Difot) to Chanute AFB (Duins).
Swickley, Carlton W, CGAS, Salem (Difot) to Chanute AFB (Duins).
Bauman, Eugene P, CGAS, Traverse City (Difot) to CGAD, Annette Isl (Difot).
Blair, Terry F, LTS, Talampulan (CO) to COMPHILSEC (Duty).
Dawley, Joseph P, HOME to CGD1 (Duty) thence Academy (TEMINS/OIS) thence CASCO (Duty).
Hallowell, Melvin W, Base, Alameda (Duty) to SASSAFRAS (XO).
Nystrom, Donald A, CGAD, San Juan (Difot) to CGAS, Elizabeth City (Difot).
Russon, William L, jr, KLAMATH (Duty) to HQ (MMT).
Simonds, Richard K, HOME to CGD1 (Duty) thence Academy (TEMINS/OIS) thence COOS BAY (Duty).
Wald, Leon Y, HOME to CGD3 (Duty).

Lieutenant (jg)
Baumgartner, Edward R, CGD7 (der) to NTC, GLAKES (Duins).
Brown, David M, COTP, Sfran (Duty) to PSU, Alameda (Duty)—Cancelled.
Brown, Gilbert E, NAS, CorpusC (Adv Flt Trng) to CGAS, Port Angeles (Difot).
Latham, Thomas S, LTS, Iwo Jima (CO) to CGD1 (Admin).
Myers, Jared Y, NAS, CorpusC (Adv Flt Trng) to CGAS, San Francisco (Difot).
Solomon, Bruce L, NAS, CorpusC (Adv Flt Trng) to CGAS, Bklyn (Difot).

Navy Orders

From page 25—

Wilson, Edward P, jr, NTC BAIN; to USS CASA GRANDE.
Anderson, Albert W, jr, NAS MPLS; to AIR TRANSRON SEVEN.
Barnett, Edward B (SC), USS INTREPID; to NAS NORVA.
Bolatad, Daryl B, ATKRON 152; to NAMIS TESTECN PT MUGU.
Charleton, Basil J, NAVCISCOL NAS GLYNCO; to FLETRACEN NAVB NORVA.
Coen, Eleanor M (NC), NAS QUONPT; to NAVHOSP PORTSMOUTH VA.
Counihan, Henry R, NATECHTC MFS; to USS BON HOMME RICHARD.
Davis, Roy G, NAF SRNC ANNA; to NAV AIRLANT TEM.
Doyle, William A, jr, OIC AIRNAVIGATION OFC PORT LYAUTEY; to NAVAIRLANT TEM.
Forson, Roy E, jr, ATKRON 83; to NAV SECGRUACTY FORT GEORGE G MEADE.
Gaardner, Robert P, AIRTRANSRON 22; to AIRTRANSRON THREE.
Hardenbergh, Terry, USS LEYTE; to NAV AIRLANT TEM.
Harrison, Howard H, NARESTRACOM NAS GLEN; to NAVAIRLANT TEM.
Hoover, John R, NAVCOMMFAC LONDON; to CO USS PINNACLE.
Jacobchik, Stephen J, jr, NAS WILLOW

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Virginia (Cont.)

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U. S. MARINE CORPS ORDERS

Commandant—General Randolph McC. Pate
Assistant Commandant—Lt. Gen. Verne J. McCaul
Chief of Staff—Lt. Gen. Robert E. Hogaboom

COLONEL

Meyer, Lyle H, MCAB WEST, to MCAB EAST.

MAJOR

Bays, Leslie W, Mojave, Calif, to 3d MAW. Klimek, Walter J, 1st Mar Brig, to MAD NATTC, Mfs.

CAPTAIN

Sawyer, Harold L, MCRD S Diego, to HqsCo, Cp Smedley D Butler, Okinawa. Walker, Paul D, Jr, MarPac, to MCAS Kaneohe Bay, Oahu, TH. Chidester, Charles N, NAS Pncla, to Colorado College, Colorado Springs. Norwood, James T, Salem, Oreg, to 10th InfBn USMCR, Seattle. Spencer, Ralph B, ForTrps FMFLant, to MCSQuant. Pate, Gerald S, 1st MAW, to 2d MAW.

1ST LIEUTENANT

Ball, Frank V, 1st Mar Brig, to MCAS Kaneohe. Ball, Herbert S, 3d Mar Div, to MarPac, pending RESIG. Edgar, Thomas R, 2d Mar Div, to USS Des Moines. Johnson, Sven A, 3d Mar Div, to 2d MAW. Schubmehl, William P, Albany, Ga, to 3d Mar Div. Wells, James A, Jr, 1st Mar Brig, to MAD

NATTC, Mfs.

Moon, Robert L, 2d MAW, to 3d Mar Div. Conroy, Mickey R, 1st Mar Div, to 3d MAW. Giordano, Joseph F, 2d MarDiv, to 1st MCRD.

2D LIEUTENANT

McCullough, William H, MCAS, Quant, to MAD NABTC NAS, Pncla. Valentine, Samuel J, MCS, Quant, to 2d Mar Div. Brinkley, Edward C, Jr, Roanoke, Va, to MCS, Quant.

CHIEF WARRANT OFFICER

Smith, W-4 Percy L, MarPac, to 3d MarDiv.

WARRANT OFFICER

Walls, George O, 3d MAW, to MAD NATTC Mfs. Cushman, Robert L, Binghamton, NY, to 1st MarDiv.

RETIRED

Sneeringer, Col Earl A. Spurlock, Maj Christopher M. Mulrennan, Capt Timothy C. Swindells, Capt Walter R. Volz, Capt Fritz. Petrosky, CWO-4 Joseph A, Jr. Gilmore, CWO-4 Richard E. Thomas, CWO-4 Hubert N, Jr.

PL 810 Retirements

The Army has placed the following named National Guard and Reserve officers on the retired list upon their attainment of age 60 and completion of at least 20 years creditable service as provided under Title III, PL 810, 80th Congress:

Maj General

Stoddard, Arthur E

Colonel

Rouner, Thomas J Nicholson, Fred E
Nelson, Elbert L Roberson, William C
Burr, George D Hollis, William C

Lt Colonel

Kingery, Daniel R Douglass, Rolland G
Setzer, Worth A Cargill, Dexter A
Barger, Lloyd M Molloy, William M
Williams, Walter B Smith, Embury V
Taylor, William W

Major

Halg, James H Nelson, Richard V
Noll, Mark D Lupton, Gordon L
Shea, Frank S Curtis, John L
Nelson, Aaron W, NG

Captain

Atkinson, Charles H
Also placed on the retired list under the above law are the following named enlisted men:
Ryan, M/Sgt James, NG.
Dunn, Cpl William F, NG.
Holt, Sp2 Boyce W, NG.

Sergeant Board Scheduled

Marine Corps Headquarters will convene a board to select E-8 and E-9 First Sergeant/Sergeant Major and Master Sergeants 12 January.

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OPPORTUNITY AVAILABLE

Service personnel who are soon to return to civilian life and hold a PhD or M. S. in Mechanical Engineering or Physics and experience in magnetohydrodynamics, thermodynamics, and stress analysis are invited to contact **S. Madison**, Denver Research Institute, University of Denver, Denver 10, Colorado, re-employment possibilities. Missile and ordnance experience desirable.

PHONOGRAPH RECORDS

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STAMPS AND COINS

Old undamaged U.S. stamps, issues 1863/1923, 100 different \$5.00, 200 different \$15.00. H. Storrs, 1737 W. 95th Place, Chicago 43.

Medical Service Captain Selections In AF Reach 18 October '55 DOR

AIR FORCE selections to temporary captain in the Medical Service Corps total 69, with the junior officer on the list, Stanley G. Hammer, holding rank from 18 October 1955. The senior officer chosen, Wallace L. Herbertson, held rank as a first lieutenant from 2 March 1953.

The list includes two other officers with 1953 ranks. Numbers 4 through 52 hold 1954 dates of rank.

The promotion schedule calls for advancements through Number 20 in December, 28 in January; 45 in February; 53 in March; and the remainder in April.

Here are the Medical Service selections to captain in order of seniority:

Herbertson, W L
Thurmon, Robt L
Dowell, Frank H
Wagner, Donald B
Coleman, Jas E
Potloff, Valentin P
Wilson, Myrl E
Leduc, Robt W
Earley, Jerome W
Thomas, Horace D
King, Renle R
Gleason, T L, III
Tustison, D F
Beasley, David W
Buchsbaum, A L
Baker, Louis A
Cheverlie, W C
Jones, Lauris T
Walker, H O, Jr
Holman, Dean S
Skinner, John A
Flaughter, Earl W
Rutten, James M
Carroll, Clyde R

Dunsky, Irving L
Carden, John C
Finn, Joseph J
Stilling, Stewart E
Anthony, L S
Brown, Norris S
Darling, Chas L
Holder, Wm L
Martin, Everett E
Parsons, F R, Jr
Brown, Larry E, Jr
Olson, Loren K
Taylor, Philip A
Jeffries, Jas M
Hall, Giles W
Williams, B H
Baggesen, Thos G
Powell, Chas H
Volkenant, John J
Resler, Chas W
Mann, James A
Lykins, Wheeler
Abernathy, A G
Walker, Donald E

Hunt, Joe E, Jr
Denny, Bennett R
Levinson, Samuel
Reichel, Geo J, Jr
McNeil, John S
Shaw, Gordon R
Weinberg, Carl J
Zimmerman, I M
Morgan, J A L
Atchley, Doyle E
Gehrig, Robt W

60 Kamrass, E J
Hoffman, Jno E, Jr
Blakely, Robt A
Simpson, Olando J
Baldwin, Bart A
Buchwald, F C
Villforth, John C
Chafetz, Lester
Dominguez, A M
Hammer, S G

Medical Notes

Capt. James L. Wanger, DC, USN, has succeeded Capt. George C. Rader, DC, USN, as Commanding Officer, Naval Dental Clinic, Naval Gun Factory, Washington, D. C. Captain Wanger reported from the Naval Dental Clinic, Pearl Harbor, T. H.

John R. Nelson, HMC, USN, is the first enlisted man at the Navy's Bureau of Medicine and Surgery to be awarded proficiency pay. He is a veteran of 19 years service and has been assigned in the Training Branch, Hospital Corps Division since 1956.

LCdr. Herman E. Hoche, MC, USN, has reported to BuMed as Executive Assistant to the Chief, Naval Medical Service Corps and the Director of the Medical Service Corps Division. He was Executive Officer, Naval School of Hospital Administration, National Naval Medical Center, Bethesda, Md.

Chiropodist Nick La Maina one of four officers with Army commissions in this field and the only one in the First Army area, has been promoted to first lieutenant at Ft. Dix, N. J.

Huachuca To Pentagon

Lt. Col. William C. Golladay, USA, Commander of the 72d Signal Battalion, Ft. Huachuca, Ariz., will leave for new duties in the Office of the Army Chief Signal Officer, Washington, D. C.

Air Force Chooses 77 Nurses For Captain

THE Air Force will promote 77 Nurse Corps first lieutenants to temporary captain during the period 8 December to 28 April. The senior name on the list is that of Edith E. Rothenberg, who held date of rank from 7 October 1950; the last selection was Norm M. Montesdeoca, whose rank is from 14 October 1955.

Nurses with dates of rank in 1954 extend through No. 57 on the list.

The Nurse promotion schedule will see advances through No. 5 in December; 23 in January; 56 in February; through 66 in March; and the remainder in April.

Chosen in order of seniority were:

1 Rothenberg, E E	Galvin, Shirley B	Legalle, Barbara L	Wood, Helen C
Owens, Ruth M	Gregory, Ellen L	50 Richardson, R	Williams, Mary E
Glasgow, Mary J	Grafton, Thelma J	Bachman, Edna L	Curry, Cassandra C
Mease, Jean E	Morada, Hazel E	Carder, Bernice M	Stapleton, Rita A
Mejla, Gladys L	Borgwardt, Doris I	Paeltz, Patricia A	Kehoe, Mary T
Glguere, Dorothy I	30 Devaney, D E	Palo, Frieda M	Dobbins, Mary T
Bosch, Irene C	Ferrell, Eliz G	Voght, Elizabeth C	70 Croce, Yolande Y
Balsch, Dorothy E	Patton, Joan J	Doyle, Joan C	Pandiscio, D F
Ball, Lola M	Kneer, Lillian F	Sanders, B B	Higgins, M T
10 Turowsky, C J	Gaddis, Joyce E	Stephens, Geneva	Leslie, Rosa V
Flelds, Elizabeth D	Schneiter, Theda	Cahalan, B A	Hunt, Marilyn
Bacon, Ann M	Lacharte, Rose Y	60 Wettle, Mary J	Bevans, Joan M
Hope, Mary M	Delaney, Shirley J	Raines, Gracie M	Pounds, Myrtle Y
Shertz, Joanne L	Migliorino, Jean M	Spiczka, R R	77 Montesdeoca, N M
Urbanek, Alice M	Shealy, K I	Sorrell, Ethel E	
Pavlikey, Mary H	40 Corrigan, Jean A		
Hayes, Helena P	Washburn, Lila L		
Werth, Hubertine	Bardeen, Ruth E		
Walsh, Virginia M	Wnuk, Adele C		
20 Collins, Alice J	Nolte, Frances I		
Whitaker, Joyce E	Yamashita, Sybil S		
Scott, Dorothy M	Anderson, Irene E		
Rawlinson, B A	Skertic, Anna E		
Welch, Alice P	Cappuccio, S E		

BuSanda Tells Rules For Best Mess Prizes

RAdm. James W. Boundy, SC, USN, Chief, Bureau of Supplies and Accounts, has announced details of the 1959 Ney Memorial Awards Program for outstanding accomplishment in the preparation and service of food in Navy general messes.

Named for the late Capt. Edward F. Ney, SC, USN, WWII Director of the Navy's Subsistence Division, the Ney Awards Program is sponsored by the Executive Stewards' and Caterers' Association, which will make the presentations at its annual convention in August.

Capt. Charles W. Peckham, SC, USN, Commanding Officer, Navy Subsistence Office, Washington, D. C., is Chairman of the Awards Committee.

Complete contest rules are given in BuSanda Notice 5061.

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12-13

Maj. Carigan Wins \$350 For Short Story

Maj. William E. Carigan, Jr., of MATS, assigned to Headquarters Iceland Air Defense Force, Keflavik, has won first prize of \$350 in the seventh annual Air Force Short Story Contest for his story, *Fly, Letter, Fly*.

Second prize of \$250 went to Capt. Ralph D. Messer, March AFB, Calif. His story, *A Case of Baby Food*, was submitted while he was at Shaw AFB, S. C., a TAC installation.

Airman Donald G. Connant of the Air Force Security Service was awarded third prize of \$150 for his story *The End is Near*.

Fourth prize of \$100 went to Capt. Thomas J. Slaybaugh, MATS Headquarters, Scott AFB, Ill., for his story *Routine Flight*.

Lt. Thomas A. Buckner, III, Alaskan Air Command, received fifth prize of \$50 for his story *Gumersindo and the Green Head*.

INDUSTRY IN DEFENSE



T-38s TAKE SHAPE—Air Force T-38 supersonic basic trainers are shown in final assembly at the Northrop Division of Northrop Aircraft, Inc., in Hawthorne, Calif. The Air Force has just awarded the division a \$16,926,000 contract, the first T-38A production order.

Five-Engine, 16½-Ton, Tilt Wing Transport Rolls Out At Hiller Plant; Flight Test Soon

(Photo, Page One)

The sixteen-and-a-half ton, five-engine, X-18 VTOL/STOL, built for the Air Force, was rolled out of the manufacturer's plant, Hiller Aircraft Corp., at Palo Alto, Calif., 8 December for its first public viewing.

It was hailed as the nation's largest higher speed aircraft with vertical and short take-off and landing capabilities. The reason given for so radical a size—33,000 pounds—in what is strictly a test vehicle, was the necessity for studying VTOL/STOL aircraft in the area of intermediate range transport.

The X-18 is scheduled for engine run-ups, "lift-offs," and other tests starting early in 1959. These will continue until the Spring when it will go to the Air Force Flight Test Center at Edwards AFB, Calif., for final testing.

Addressing the audience of military leaders, local and government officials, and aviation writers attending the ceremonies, Mr. William Weitzen, Deputy Assistant Secretary of the Air Force for Research and Development Operations, spoke of the importance of advancing the nation's technology of "air breathing" aircraft in the space age.

This nation, Mr. Weitzen declared, must solve serious air transport problems within the earth's atmosphere as well as beyond it.

When it enters its flight test program, the X-18 will have behind it six years of continuous Hiller research from which has issued some 60 study reports to the military regarding all phases of tilt wing technology.

Through a selective choice of size and configuration, the manufacturer was able to utilize a number of existing aircraft parts in this research vehicle.

Two Allison T-40 turboprop engines and their dual rotating Curtiss-Wright six-bladed Turboelectric propellers were obtained from the Navy "Pogo" programs for use as the X-18's main powerplants. Each T-40 actually consists of two power sections coupled to a common reduction gearbox giving the X-18 a total of 11,070 equivalent shaft horsepower.

The fuselage, nose, and tail sections are from a Chase transport airplane.

The propelloplane's "fifth" engine is located in the after portion of the fuselage. It is a 3,400 pound thrust Westinghouse turbojet used to control the X-18's pitch in hover or transitional flight.

A philosophy of simple, straight-forward component design was employed wherever possible. A good example is that one large fuel tank is located in the center of the fuselage interior for the sake of simplicity. Subsequent prototypes would locate fuel in the wings and wing tip tanks.

Also, there is a long-external tailpipe which carries the thrust to the tail from the J-34 jet control engine. A cleaner, internal design approach would be used in a prototype.

An interesting feature of the X-18 is its control system. In forward flight, the propelloplane is purely a conventional airplane and uses its elevators for pitch, ailerons for roll, and rudder for yaw. In the transition from forward flight to hover, a new source of control gradually

takes over, with pitch being obtained from diverted jet thrust at the tailpipe, roll by differential thrust of the engines on either side, and yaw obtained by actuating the ailerons in the downwash of the props.

But the job of "mixing" these two control systems is accomplished by strictly mechanical arrangement. The pilot flies his ship through forward flight, transition, and hover using conventional airplane controls throughout the entire sequence. The cockpit is completely conventional, except for the addition of the wing tilt lever.

The Hiller Aircraft Corp. is the nation's third largest manufacturer of helicopters in terms of units produced, and also engages in a strong research and development activity. Its output of standard three-place helicopters since 1947 has totalled nearly 1,000 units. Principal military product is the Army's H-23 Raven multipurpose helicopter.

Stanley Hiller, Jr., is President of the firm and Edward T. Bolton is its Executive Vice President. Its board of directors includes Maj. Gen. F. A. Heileman, USA-Ret., Director of Advanced Research; Maj. Gen. P. M. Hamilton, USAFR, and Radm. L. B. Richardson, USN-Ret.

Air Procurement Districts At Orlando And Richmond

Air Procurement Districts under the jurisdiction of the Warner Robins Air Materiel Area, Ga., have been established at Orlando, Fla., and Richmond, Va., according to Maj. Gen. A. V. P. Anderson, Jr., WRAMA Commander.

The establishment of the two new offices brings to three the number of Air Procurement Districts under WRAMA jurisdiction. The third is located in Atlanta.

The mission of an Air Procurement District is to accomplish the operational phase of the Air Materiel Area contract administration responsibilities.

Lt. Col. H. J. Larson is Chief of the Orlando office.

The Richmond District will have Lt. Col. Charles W. Kay as Chief.

More Funds And Better Contracting System Urged For Military R&D Work

NEW YORK, N. Y.

THE need for increasingly large appropriations for research and development and for "immediate concerted action" looking toward a better contracting system for R&D work were emphasized by Dr. Alexander Flax, Vice President for Technical Operations of the Cornell Aeronautical Laboratory, before the American Ordnance Association's Research Seminar here.

"There can be no doubt, Dr. Flax declared, "that because of intensified Russian competition, if for no other reason, it will be necessary to spend increasingly large amounts of the national income on research and development."

Dr. Flax said that the question of how much we can afford to spend on our military budget without seriously damaging our civilian economy is "obviously a relative and subjective one."

"With current national expenditures for liquor and tobacco in excess of 15 billion dollars, it is difficult to believe that we are at the limit of what is possible in expenditures for research and development," he asserted.

The speaker pointed out that since our civilian economy as well as our military defense depends to an ever-increasing degree on scientific and technical advances, the exploitation of these advances to the utmost "will not only provide the military strength we need, but will also provide just the sort of

basis for expansion of product and service lines upon which our civilian economy thrives."

In the contract area, Dr. Flax contended that the details of administration and control of the weapons research program now consume "ridiculously large amounts" of the time of our best research people.

"In most cases," he said, "research and development contracts by the Armed Services are administered under the same general regulations by essentially the same group of people as are involved in 'hardware' contracts."

"There are a few people in the services doing brilliant work in research and development contract negotiation and administration, but they do so in spite of the present system, and they are far outnumbered by those who bog down in a morass of regulations."

He recalled that the House Committee on Government Operations earlier this year, recommended the establishment of new contracting arrangements suitable for R&D.

"There is considerable evidence," he said, "that Congress, if given a clear indication of what is needed in the area of research and development procurement legislation, would attempt to provide it. This calls for immediate concerted action by the military, assisted by leading scientific and industrial people, if anything is to be done soon."

Polaris Skippers

From first page—

between \$105 and \$110 million. Succeeding ships in the class will cost between \$85 to \$90 million.

Each of the nuclear-powered submarines will be capable of carrying 16 Polaris missiles which can deliver either conventional or atomic warheads deep into enemy territory.

Commander Osborn is married to the former June Elizabeth Hanna of Crystal City, Mo. They have two children.

Commander Shear is married to the former Elizabeth Perry of Falmouth, Me. They have two children.

Commander Sims is married to the former Martha Whigham of Napeville, Ga. They have four children.

Capt. Norvell G. Ward has been named Commander of Submarine Squadron 14 to be made up of Polaris submarines. The Navy has not stated how many Polaris submarines will be assigned to Captain Ward's Squadron. Normally, sub squadrons are made up of from eight to 12 submarines.

The Navy has not yet assigned executive officers to the first three Fleet Ballistic Missile subs, but Lieutenant Commanders Charles D. Grojean, Patrick J. Hannifin and Joseph W. Russel are in training for the posts.

Clothing Agency Alters Bid Procedure

An improved procedure for the mailing of bids has been placed in effect by the Military Clothing and Textile Supply Agency, Philadelphia, Pa.

The new procedure increases the use of Pre-Invitation Notices (PIN), thus providing additional time to suppliers as to planned Agency procurements. The PIN has been revised into a self-mailer type form. To respond to the PIN, the contractor need only complete a few simple entries, fold, staple and mail.

An important feature of the new procedure is the continual removal of non-responding suppliers from the bidders' lists. A complete history of the response record of all firms will be maintained, and firms failing to respond to two successive solicitations on any bidders' list will be automatically removed from that list.

Capt. Lautaret Heads Schools

Capt. John D. Lautaret, reporting from command of the landing ship dock USS Plymouth Rock, has succeeded Capt. Edward S. Manown, as Commanding Officer, Naval Schools Command, Newport, R. I.

Grumman Will Build New Avionics Eng. Lab

Grumman Aircraft Engineering Corporation has announced plans to build a new avionics engineering laboratory at its Bethpage, Long Island, facility. Total cost of the facility and basic equipment will be about \$4 million.

A 55,000 square-foot structure, the laboratory will house fully integrated facilities for the complete testing, evaluation and development of avionic systems to be used in future aircraft, missiles and space vehicles. Construction of the new building will begin this month, officials said, with completion expected by Fall of next year.

Grumman Aircraft President Leon A. Swirbul said that the company considered building the new laboratory a matter of "essential expansion since we are living in an expanding avionic environment."

"The new laboratory will not only enlarge our physical structure," Swirbul said, "but will greatly increase our avionic systems evaluation and development capability in accord with the demands future airborne vehicles will be making in this area."

They Aid Services

From page 5—

Electric Company, Syracuse, N. Y.

John W. Kraus, Chairman, A.O.A. Preservation, Packing and Packaging Division. Quality Control Manager, Thompson Ramo Wooldridge, Inc., Cleveland, O.

Admiral A. G. Noble, USN (Ret.), Chairman, A.O.A. Underwater Ordnance Division. Executive Vice President, Vitro Corporation of America, New York, N. Y.

Wilbur J. Reitze, Chairman, A.O.A. Materials Division, Manager, Sales Engineering, Esso Standard Oil Company, New York, N. Y.

Dr. Ira Ross, Chairman, A.O.A. Research Division, President, Cornell Aeronautical Laboratory, Inc., Buffalo, N. Y.

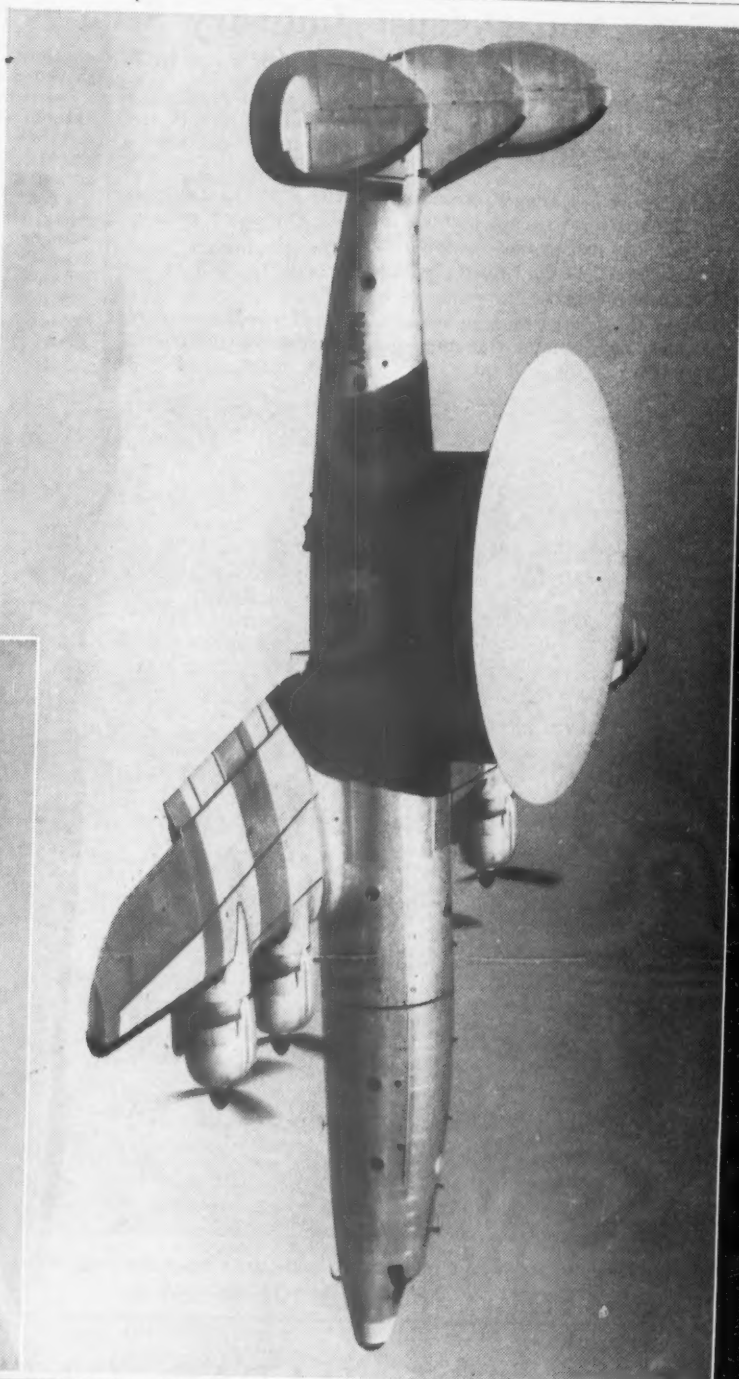
Robert L. Telford, Chairman, A.O.A. Bomb Warhead and Artillery Ammunition Division. First Vice President, Mason and Hanger-Silas Mason Company, Inc., New York, N. Y.

James E. Trainer, Chairman, A.O.A. Artillery Division, Executive Vice President, Firestone Tire and Rubber Company, Akron, O.

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Maxwell R. Warden, Chairman, A.O.A. Small Arms and Small Arms Ammunition Division, President, Remington Arms Company, Inc., Bridgeport, Conn.

Lockheed's flying saucers... America's best protection against future sneak attack

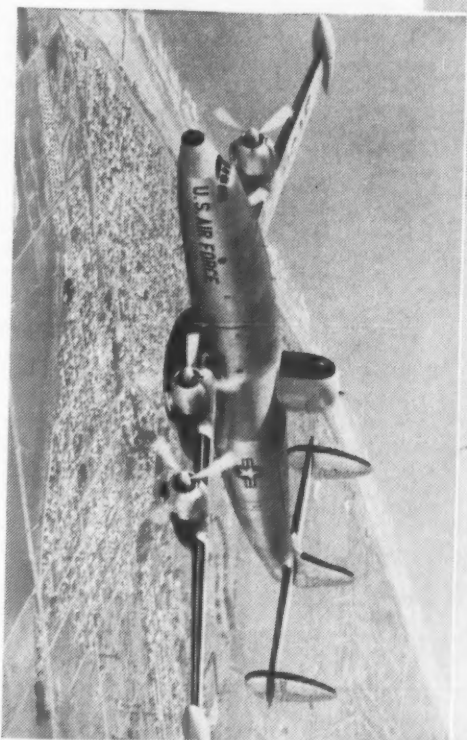


Night and day, in all kinds of weather, Lockheed AIRBORNE EARLY-WARNING & CONTROL planes of the U. S. Air Force and Navy patrol our outermost defense perimeters.

Every 10 seconds these far-ranging sky sentinels (photo, right) can radar-scan an area bigger than the state of Pennsylvania—detecting surface ships and aircraft even in complete darkness or thickest fog. But, due to swift technological progress in long-range missiles and supersonic aircraft with nuclear weapons, there was a foreseeable need for AEW&C planes with even greater capabilities—and the huge "flying saucer" radome was developed.

For the past two years this Lockheed "flying saucer"—installed atop a U. S. Navy WV-2E—has undergone extensive flight testing. Its exact range and capabilities must remain a military secret, but this much can be revealed: when America needs a better AEW&C System this Lockheed-developed "flying saucer" will contribute importantly to the fulfillment of that vital need.

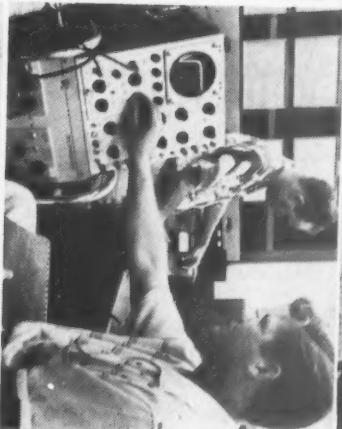
Lockheed's 10-year experience in the design, manufacture, and maintenance of operational AEW&C planes is greater than that of all other aircraft and electronic manufacturers combined.



U. S. Air Force RC-121D (above) is one of the 229 AEW&C Constellation-series aircraft produced in past decade by Lockheed. Hundreds of U. S. Navy P-2V anti-submarine radar patrol planes have also been produced by Lockheed.



Lockheed, the only airframe manufacturer to have its own radar antenna ranges, has five. Intensive research and development of better airframes, antennas, radomes, and equipment is an unceasing effort at Lockheed.



Lockheed's California Division has 475 electronic engineers, 1500 electronic technicians, and thousands of shop and assembly workers—with 50,000,000 manhours of AEW&C experience.

Some 221 field service men represent Lockheed away from the factory, including 73 electronics service specialists. At the factory, 36 airframe and electronic instructors serve Lockheed customers.



LOCKHEED

LOCKHEED AIRCRAFT CORPORATION, CALIFORNIA DIVISION: Burbank and Palmdale, California
JET FIGHTERS • JET TRAINERS • LUXURY AIRLINERS • PROP-JET TRANSPORTS
AIRBORNE EARLY-WARNING AIRCRAFT • ANTI-SUBMARINE PATROL PLANES

Armed Services And Defense Industry Seen Setting New Pattern In Basic Research

NEW YORK, N. Y.

THE military services and defense industry are jointly engaged in creating a new pattern of support for fundamental research in this country and in the Western World, Dr. Louis N. Ridenour told the American Ordnance Association's research seminar here.

Dr. Ridenour, Assistant General Manager, Research Missile Systems Division, Lockheed Aircraft Corp., said that this new pattern is being developed without serious disruption of the classical pattern of research support.

"The results of this program," he continued, "will yield benefits both to the military and to our peacetime economy."

"As we jointly learn how to provide for the requirements of fundamental research—continuity of support, attention to the importance of the exceptional in-

dividual, and early exploitation of research results—we shall be able to erect a new mechanism for continuing and extending the scientific and technological advance which is both responsible for our present civilization and the main reliance for its defense."

Profit limitations in defense work and rules which disallow costs in certain categories ordinarily regarded as normal business expenses make it difficult for defense industry to finance out of profits any substantial program of fundamental research, Dr. Ridenour pointed out. Civilian industry, on the other hand, he

said, can finance fundamental research out of its greater profits and can afford to take risks in anticipation of the larger but legitimate return it may bring.

But in the case of defense industry, he pointed out, the military customer is not likely to allow the rewards that must be associated with the risk.

"It is therefore fortunate for all concerned," he declared, "that the Department of Defense is making it possible for defense industry to contribute to the total national effort."

"This is accomplished principally by two devices: direct research contracts on the one hand, and a policy of allowing research as a component of indirect cost, on the other."

"These policies, together with the substantial amount of fundamental research carried out by the military services in their own technical establishments, make the Department of Defense the largest single patron of the sciences in history."

Dr. Ridenour pointed out that "research and development" programs on new weapons and weapon systems have nothing to do with fundamental research. R & D program, he said, "draw upon, but do not contribute to the body of scientific knowledge made available through fundamental research."

"Recognizing this," Dr. Ridenour continued, "the Department of Defense has adopted procurement policies which permit industrial contractors to include as a component of overhead expense on R&D contracts the costs of a program of fundamental research."

"This single device has probably done more than any other to advance and broaden our total national capability in fundamental research, and it is to be hoped that its exploitation will grow."

In the matter of direct contracts for fundamental research, however, Dr. Ridenour said that the small funds available go to laboratories maintained by the Services, to colleges, universities, non-profit institutions, and to industry. Industrial laboratories come out a poor third in this competition, he said.

"This is a short-sighted approach to the problem, in my view," he declared. "While it is undeniably true that the accounting methods which industrial concerns must use appear to yield higher costs per man-hour than are typical in universities, non-profit institutions, or government laboratories, we have already noted that the return per man-hour is critically dependent on the quality of the man or men involved."

"Provided that an industrial laboratory has individuals who can make outstanding contributions to a program of research, it should be considered on an equal basis with all other competitors for contracts calling for research not immediately oriented toward the development and improvement of weapons."



Cat D9 Tractor with No. 9 Ripper and 'dozer attachments helps clear radar site atop Judith Mts., near Lewistown, Montana

MOUNTAIN-TOP RADAR SITE CLEARED—"ON THE DOUBLE"

15,000 cubic yards of cyanite rock excavated in 72 hours

The U. S. Army Corps of Engineers was requested by the Air Force to build a Radar Station 1,800 feet atop rocky Judith Mts., Montana. The Air Force didn't care how it got there—only that it got there and in a hurry.

Parker, Schram and Dack Construction Company, Milton-Freewater, Oregon, got the message from the Engineers, and went right to work.

In order to excavate and clear the site, a granite-type rock, cyanite, had to be loosened and removed. In hopes of eliminating the extra expense of "shooting" the rock, a Caterpillar D9 Tractor, equipped with a No. 9U Bulldozer and a No. 9 Ripper, was brought in. Utilizing the weight of the big 30-ton D9, the exclusive "Hi-Electro" hardened steel ripper teeth managed to handle 98% of the cumbersome rock, reducing the "shooting" operation to a negligible two per cent. In just two 8-hour shifts, a radar

site, 50 feet in diameter and 5 to 6 feet deep, was cleared.

In addition to the site-excavation, 6 miles of a 20-foot access road, from cantonment to the mountain top, were ripped, 'dozed and made accessible. Here's what Wm. L. Hart, Supt., has to say about the No. 9U Bulldozer with Hydraulic Tilt Cylinder attachment: "The tilt 'dozer is a wonderful thing. It moved material for fill as far as nine hundred feet." As for the 320 HP (flywheel) D9 itself, Supt. Hart sums up: "It's a good machine."

Caterpillar Tractor Co., Peoria, Illinois, U. S. A.

CATERPILLAR

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HELPING TO KEEP
AMERICA PREPARED

Army Names 11 More For Colonel's Rank

The Army in S.O. 243, effective 9 December, has named four line officers, two MC, and five DC lieutenant colonels for temporary promotion to colonel.

The new line colonels are Otis E. Hays, Jr., Inf; George P. Miller, MPC; Coleman W. Thacher, Arty; and Gordon F. Thomas, Armor.

New Medical Corps colonels are Marcus H. Flintner and Robert H. Holmes.

The five Dental Corps colonels are Hugh D. Avary, William P. Barnes, Ernest J. Fedor, Michael A. Uram, and Maurice E. Washburn.

The junior Line officer had a date of rank as lieutenant colonel of 20 January 1949 and held Sequence No. 68 on D/A Circular 624-35, dated 1 October 1958.

Sequence positions for Medical and Dental officers on the same Circular were No. 5 and No. 16, respectively. The junior physician had a date of rank of 24 March 1949 and the junior dentist a date of rank of 6 April 1949.